MACRO PHOTOGRAPHY

CHEAT SHEET



APERTURE



Low f/stops, in between f/2.8 and f/5.6, give you a shallow depth of field, which pinpoints the focus on your subject.

ISO

As a rule, always try to keep your ISO value as low as possible, to avoid grain and noise.

SHUTTER SPEED



If you want to make sharp macro images, the shutter speed must at least be 1/100th of a second or faster.

MACRO LENSES

The focal length of macro lenses ranges from 50mm to 200mm. Although many zoom lenses have a macro setting, these are usually less than half life-size magnification.



If you want to do a true macro photography, your macro lens has to have the ability to produce a magnification ratio of 1:1 or higher. Some go as high as 5:1, allowing for extreme close-ups.

TIP-

A 50-60mm lens is great for basic macro work but if you want greater subject-to-lens distance a 100mm lens is a better choice.

2 FLASH

Try to use natural light whenever you can. However, there are times when this isn't possible such as working in the woods or shooting subjects that move quickly.



You may also need to use a reflector to bounce light into dark areas of the shot. But even something simple such as a piece of card and silver foil can work just as well.

TIP:

Rather than using your camera's built-in flash which is harsh, try using a ring flash which can give a more even spread of light.

ESSENTIALS

3 MANUAL FOCUS

You can forget about autofocus right away, because macro lenses' autofocus is usually not fast enough. You should focus manually.



Expect to throw away a lot of photos when doing macro photography, since it's really hard to focus properly.

TIP:

Focus not by touching the focusing ring, but by rocking towards the subject while trying to snap the photo correctly.

Macro Photography Manual

Katrin Zwirglmaier

Macro Photography Manual:

Close-Up Matt Doogue, 2024-08-01 Brilliant Complete Concise Matt's innovative and imaginative approach makes celebrities and heroes out of the everyday the downtrodden and the overlooked Chris Packham Macro is one of the fastest growing genres in photography and with this comprehensive and easy to follow guide macro expert Matt Doogue invites you to discover a whole new world of creative image making Go from complete novice to confident macro shooter Learn from a top professional sharing tips tricks for success Discover an exciting new genre of photographic practice Connect with nature and develop a deeper understanding of wildlife Master key techniques for pro level macro photography results Experience a more mindful approach to taking photos From understanding the optimal lens to the shooting environment advanced techniques and post processing unlock the beauty of the miniature world with this detailed guide *Macro Photography* Rob Sheppard, 2015 Place of publication transcribed from publisher s website Digital Macro and Close-Up Photography For Dummies Thomas Clark, Tom Clark, 2011-08-09 Provides information and examples on the equipment and techniques of macro and close up photography The Complete Guide to Close-up and Macro Photography Paul Davies, 1998 Learn to create unusual and striking photographic images with this practical and inspirational new guide to close up and macro Mastering Macro Photography Dan Bardloom, Macro photography is a fascinating and photography Back Cover rewarding area of photography that allows you to capture the intricate details of the world around us With the rise of digital cameras and the availability of affordable macro lenses it s now easier than ever to explore this exciting genre In this book

you ll learn the essential techniques for capturing stunning macro photographs from understanding depth of field and lighting to selecting the right equipment and post processing your images Whether you re a beginner or an experienced photographer you ll find plenty of tips and tricks to help you take your macro photography to the next level Photography for Gardeners and Nature Lovers Alan L. Detrick, 2008-10-22 Gardeners and nature lovers delight in taking pictures especially close ups of flowers butterflies and insects And though advances in digital camera technology have made taking storing and sharing photos easier than ever taking top quality pictures requires familiarity with both digital technology and the general principles of photography Macro Photography for Gardeners and Nature Lovers provides exactly the information that aspiring photographers no matter their level of skill need to take their photos to the next level Clear and concise chapters cover the basics of macro close up photography explain the features of current digital single lens reflex cameras show the many ways images can be composed and share tips on digital effects storage and manipulation of imagery Throughout the text helpful tips definitions exercises and case studies serve to demystify digital photography Each lesson is supported by examples of the author's stunning photography Whether taking photos of flowers and insects compiling a photographic record of your garden or simply sharing beautiful images with friends and family everyone can become accomplished photographers of the world's small scale wonders The Complete Guide to Close-up & Macro Photography **Shoot Macro** Stan Sholik, 2014-07-21 Macro photography has been surging in popularity Paul Harcourt Davies, 2001 especially online with social media and internet marketplaces No matter what your area of interest is you ll find techniques in this book to create strong macro images in it Readers will learn how to creatively solve common specific close up and macro photography problems in a wide range of areas But while lighting lenses equipment and techniques are discussed in detail for each image so is the creative process Why compose it in this way Why is this angle better than another Why would you want everything in focus for one photo but only a small area for another Readers will be given guidance so they can answer these questions for their own photography Close-Up and Macro Photography Adrian Davies, 2012-11-12 In this exhaustive guide to macro photography respected author and Photographer Adrian Davies takes a comprehensive approach to the subject covering every aspect of the multi faceted and often complicated world of close up Photography Everything about Adrian's approach is both practical and diverse with optimal output always in mind His coverage of equipment for example goes beyond cameras to cover the application of flatbed and film scanners for close up shots 2D 3D reflective and translucent subjects Seperate sections cover cameras and equipment lenses lighting workflow and image processing Additionally a seperate section on special subjects covers techniques for shooting both common macro subjects including insects fossils and coins as well as a range of technical elements such as shiny surfaces texture and polarised light The appendix includes a technical discussion on depth of field including detailed tables and a range of optical formulae Clear concise and comprehensive and packed with stunning images this is a must have purchase for all photographers looking for professional

quality macro results Macro Photography Photo Workshop Haje Jan Kamps,2011-05-23 Special techniques for creating unique artistic close up images Macro or close up photography is gaining popularity and this book covers all of the challenges associated with taking great close ups depth of field focus and exposure Copublished with Photoworkshop com a leading online educational resource for both beginning and professional photographers this task oriented reference allows readers to learn by doing and offers outstanding examples and instructions Mastering Macro Photography DAVID.

TAYLOR,2017-05 Digital Macro & Close-up Photography (Revised and Expanded Edition) Ross Hoddinott,2014-03-17 Ross Hoddinott has completely revised and also expanded upon his hugely successful Digital Macro Photography book published by GMC Publications in 2007 This book takes you on an incredible journey into the macro world where you can see insects that look like aliens or the hidden symmetries of plants Technical terms the basic techniques and how to get the best from your camera are all explained in an easy to follow way accompanied by stunning example shots and invaluable tips

Close-Up and Macro Photography John Humphrey, 2013-11-30 High magnification photography is immensely exciting and rewarding Through the close up lens everyday objects produce striking images and small creatures show amazing detail that usually goes unnoticed This book is both a practical guide to each step of the close up process as well as a source of inspirational ideas and subjects for producing high impact images Topics covered include cameras lenses and equipment step by step techniques for high quality results ideas for close up subjects including flowers insects and still life composing close up pictures for maximum impact using software for creative effect and suggestions for presenting macro photographs Superbly illustrated with 229 stunning colour photographs **David Busch's Close-up and Macro Photography** David D. Busch, Rob Sheppard, 2012 Here it is a compact camera bag friendly field guide specially created to help you take great close up and macro photographs No matter which digital SLR you own DAVID BUSCH S CLOSE UP AND MACRO PHOTOGRAPHY COMPACT FIELD GUIDE gives you the tools and techniques you ll need to achieve beautiful results when working up close with your subjects flowers insects jewelry you name it In six information packed chapters filled with helpful checklists tables and charts this concise guide distills the fundamentals of good close up and macro photography and puts them at your fingertips showing you how to shoot specific close up situations and subjects under a variety of conditions Full color illustrations show you what results to expect from particular camera settings From quick setup advice through tips on lighting lenses and more DAVID BUSCH S CLOSE UP AND MACRO PHOTOGRAPHY COMPACT FIELD GUIDE will help you get great close up results every time Ultimate Field Guide to Photography National Geographic, 2009 More on photography Sheryl Mendez There are comprehensive chapters about image editing better printing methods creative organizing andscanning **The Beginner's Photography Guide** ,2013-05-01 In contrast to the jargon filled manuals that come with most digital cameras The Beginner's Photography Guide presents step by step digital slr camera basics while introducing and demonstrating a wide variety of techniques that will inspire the novice digital photographer Grouped

together by themes color composition natural light framing and more each camera technique is broken down into an easy to follow step by step sequence and features annotated photographs and suggestions on getting the best from digital slr The Beginner's Photography Guide DK,2024-05-28 All you need is a digital cameras and taking eye catching photos camera or a mobile phone and this best selling book to unlock your full potential as a photographer From choosing the right equipment and aperture exposure to adjusting focus and flash The Beginner's Photography Guide explains key concepts in clear and simple terms to help you make the most of your camera Written for absolute beginners this handbook contains step by step tutorials covering the whole range of camera functions and photographic techniques Each chapter of the book is full of practical hands on projects that will help you get the best from your camera At a glance comparison images show how camera settings can produce remarkably different pictures. The results are shown side by side with each technique along with the setting used to create a particular look or effect You ll also learn how to enhance your images using a range of innovative ideas adopted by professionals This revised edition has been updated to reflect all the latest developments in technology and creative trends in digital image making This manual will teach you all the tips and techniques you need to ensure that your memorable moments are captured perfectly every time The Everything Digital Photography Book Ric deGaris Doble, 2008-05-01 With a snap of the shutter and a couple clicks of the mouse you can take stunning photos and share them with the world Digital photography is one of the easiest art forms to master if you only know how The Everything Digital Photography Book 2nd Edition has everything you need to take full advantage of this evolving art form Learn how to Choose the perfect camera Use light and flashes for optimum effect Download and transfer images Compress images and post photos online Create personalized gifts like calendars Whether you re a novice photographer or a budding professional this indispensable guide shows you how to capture the perfect shot every time Rick deGaris Doble is an award winning photographer with nearly 40 years of photography experience His site www RickDoble net receives 150 000 unique hits per year and his popular 600 photo painting with light section was ranked 2 in Google searches Doble has been working with computer related digital imagery for the past 22 years and for the past 14 he has taught photography courses at institutions like Duke University He lives in Smyrna North Carolina

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Macro Photography Manual Introduction

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