

Converting Colors

CIELCh(48, 56.314, 7.366)

Have a look what the booklet for
CIELCh(48, 56.314, 7.366) contains.

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Color

CIELCh(48, 56.075, 7.494)

Conversions

Conversions Part 1

Format	Color
Hex	C64168
RGB	198, 65, 104
RGB Percent	78%, 25%, 41%
CMY	0.2234, 0.7449, 0.5921
CMYK	0.00, 0.67, 0.47, 0.22
HSL	342°, 54%, 52%
HSV	342°, 67%, 78%
XYZ	27.6895, 16.7945, 14.8860
YIQ	109.2130, 66.7490, 40.3250

Conversions

Conversions Part 2

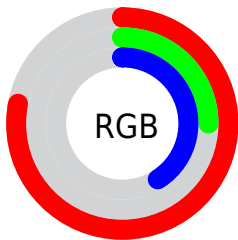
Format	Color
R _Y B	198, 65, 104
Decimal	12992872
CIE Lab	48.00, 55.60, 7.31
CIE LCh	48, 56.075, 7.494
Yxy	16.7945, 0.4664, 0.2829
Android (android.graphics.Color)	4291182952 (0xFFC64168)
YUV	109.2130, -2.5700, 77.8662
Hunter-Lab	40.9810, 48.8894, 7.1501

Details

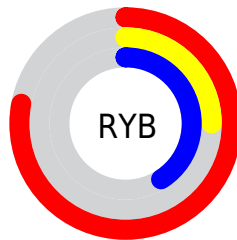
The CIELCh color **48, 56.075, 7.494** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **72, 46.074, 168.555**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 54.563, 6.833**, and **29, 53.831, 9.389** is the 20% darker color. If you saturate the color by 10%, you get **45, 62.553, 10.969**, and if you desaturate by 10%, it is **52, 48.479, 4.754**.

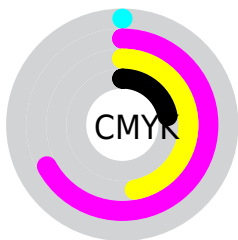
Distribution



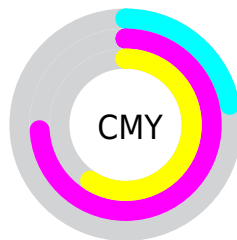
- Red (78%)
- Green (25%)
- Blue (41%)



- Red (78%)
- Yellow (25%)
- Blue (41%)



- Cyan (0%)
- Magenta (67%)
- Yellow (47%)
- Black (22%)















- Cyan (22%)
- Magenta (74%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 56.075, 7.494 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 48, 56.075, 7.494 by changing the saturation by 10% instead.

 48, 56.075, 7.494	 48, 56.075, 7.494
 100, 56.075, 7.494	 38, 56.075, 7.494
 68, 56.075, 7.494	 28, 56.075, 7.494
 78, 56.075, 7.494	 18, 56.075, 7.494
 88, 56.075, 7.494	 8, 56.075, 7.494
 98, 56.075, 7.494	 0, 56.075, 7.494

 48, 56.075, 7.494	 48, 56.075, 7.494
 45, 62.553, 10.969	 52, 48.479, 4.754
 43, 67.714, 15.320	 56, 40.146, 2.574
 42, 71.717, 20.534	 60, 31.450, 0.812

42, 72.852, 22.027

65, 22.694,
359.355

71, 14.089,
358.120

76, 5.760, 357.022

81, 2.230, 176.404

87, 9.859, 175.431

93, 17.128,
174.688

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48, 56.075, 7.494



72, 46.074, 168.555

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48, 56.075, 7.494



48, 56.075, 57.494



48, 56.075, 187.494



48, 56.075, 237.494

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48, 56.072, 7.496



87, 20.285, 358.488



46, 79.041, 318.224



44, 13.909, 358.838



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48, 56.072, 7.496



57, 79.029, 13.054



52, 53.811, 41.084



39, 4.601, 357.263



34, 62.804, 21.140



4, 16.491, 4.573

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48, 56.072, 7.496



57, 79.029, 13.054



65, 31.376, 225.798



39, 4.601, 357.263



34, 62.804, 21.140



4, 16.491, 4.573

Previews

White Background



This preview shows how the CIELCh color 48, 56.075, 7.494 looks on a white background.

Color Contrast Check

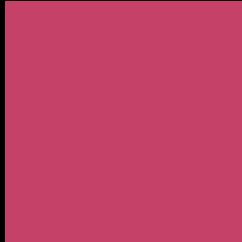
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 56.075, 7.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

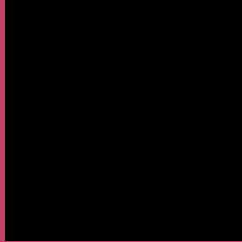
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 56.075, 7.494

Background



This preview shows how black text looks on a background with the CIELCh color 48, 56.075, 7.494.



This preview shows how white text looks on a background with the CIELCh color 48, 56.075, 7.494.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48, 56.075, 7.494

Protanopia

48, 10.028, 287.165

Deuteranopia

48, 11.967, 56.027



Tritanopia
48, 55.928, 26.273

Trichromacy



Original Color
48, 56.075, 7.494

Protanomaly
46, 23.908, 344.862

Deuteranomaly
47, 27.088, 15.862

Tritanomaly
48, 55.228, 19.302

Monochromacy



Original Color
48, 56.075, 7.494

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 21.735, 0.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 56.075, 7.494 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 65, 104)` looks like.

```
.text, #text, p{  
    color:rgb(198, 65, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 65, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 65, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 56.075, 7.494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 65, 104) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 65, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 65, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 65, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 65, 104);  
box-shadow:4px 4px 4px 4px rgb(198, 65,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 56.075, 7.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 65, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198, 65,  
104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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