

Converting Colors

CIELCh(50, 50.370, 8.210)

Have a look what the booklet for
CIELCh(50, 50.370, 8.210) contains.

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Color

CIELCh(50, 50.700, 8.083)

Conversions

Conversions Part 1

Format	Color
Hex	C54E6D
RGB	197, 78, 109
RGB Percent	77%, 31%, 43%
CMY	0.2275, 0.6941, 0.5726
CMYK	0.00, 0.60, 0.45, 0.23
HSL	344°, 51%, 54%
HSV	344°, 60%, 77%
XYZ	28.5045, 18.4187, 16.5169
YIQ	117.1150, 60.9730, 34.8690

Conversions

Conversions Part 2

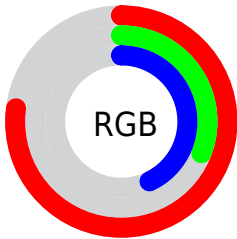
Format	Color
RYB	197, 78, 109
Decimal	12930669
CIELab	50.00, 50.20, 7.13
CIElCh	50, 50.700, 8.083
Yxy	18.4187, 0.4493, 0.2903
Android (android.graphics.Color)	4291120749 (0xFFC54E6D)
YUV	117.1150, -4.0007, 70.0591
Hunter-Lab	42.9170, 43.4513, 7.2237

Details

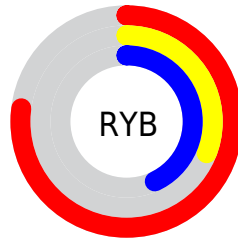
The CIELCh color **50, 50.700, 8.083** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **72, 41.164, 172.071**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 49.900, 7.835**, and **30, 50.832, 8.060** is the 20% darker color. If you saturate the color by 10%, you get **47, 58.141, 11.143**, and if you desaturate by 10%, it is **54, 42.478, 5.666**.

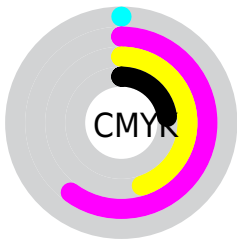
Distribution



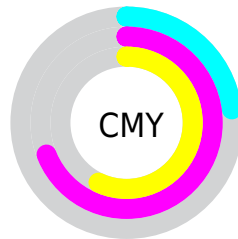
- Red (77%)
- Green (31%)
- Blue (43%)



- Red (77%)
- Yellow (31%)
- Blue (43%)



- Cyan (0%)
- Magenta (60%)
- Yellow (45%)
- Black (23%)






















- Cyan (23%)
- Magenta (69%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 50.700, 8.083 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 50, 50.700, 8.083 by changing the saturation by 10% instead.

 50, 50.700, 8.083	 50, 50.700, 8.083
 100, 50.700, 8.083	 40, 50.700, 8.083
 70, 50.700, 8.083	 30, 50.700, 8.083
 80, 50.700, 8.083	 20, 50.700, 8.083
 90, 50.700, 8.083	 10, 50.700, 8.083
	 0, 50.700, 8.083

 50, 50.700, 8.083	 50, 50.700, 8.083
 47, 58.141, 11.143	 54, 42.478, 5.666
 44, 64.492, 15.002	 59, 33.854, 3.730
 42, 69.641, 19.752	 63, 25.142, 2.150

41, 73.853, 24.864

69, 16.567, 0.832

74, 8.269, 359.694

79, 0.320, 357.278

85, 7.254, 178.027

90, 14.453,
177.252

96, 21.155,
176.846

Harmonies

Complementary

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



50, 50.700, 8.083



72, 41.164, 172.071

Rectangle

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



50, 50.700, 8.083



50, 50.700, 58.083



50, 50.700, 188.083



50, 50.700, 238.083

Sweetspot

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



50, 50.697, 8.085



88, 17.942, 0.577



49, 72.003, 319.136



45, 12.543, 0.933



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 50.697, 8.085



59, 72.837, 12.100



55, 46.247, 43.175



39, 4.531, 359.584



34, 63.867, 24.001



4, 16.370, 6.164

Inverse Universe

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



50, 50.697, 8.085



59, 72.837, 12.100



65, 29.237, 229.833



39, 4.531, 359.584



34, 63.867, 24.001



4, 16.370, 6.164

Previews

White Background



This preview shows how the CIELCh color 50, 50.700, 8.083 looks on a white background.

Color Contrast Check

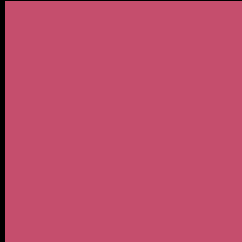
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 50, 50.700, 8.083 looks on a black 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

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

CIELCh 50, 50.700, 8.083

Background



This preview shows how black text looks on a background with the CIELCh color 50, 50.700, 8.083.



This preview shows how white text looks on a background with the CIELCh color 50, 50.700, 8.083.

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

50, 50.700, 8.083

Protanopia

50, 7.605, 288.270

Deuteranopia

50, 11.852, 56.090



Tritanopia
50, 50.172, 23.234

Trichromacy



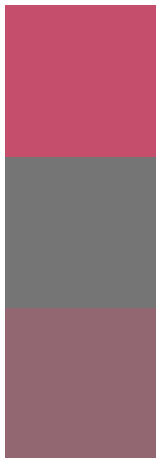
Original Color
50, 50.700, 8.083

Protanomaly
49, 20.890, 348.301

Deuteranomaly
49, 24.656, 18.614

Tritanomaly
50, 49.573, 17.605

Monochromacy



Original Color
50, 50.700, 8.083

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 18.997, 2.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 50.700, 8.083 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(197, 78, 109)` looks like.

```
.text, #text, p{  
    color:rgb(197, 78, 109)  
}
```

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(197, 78, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 78, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 50.700, 8.083 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(197, 78, 109) }
```

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

```
.border{ border-color:rgb(197, 78, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 78, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 78, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 78, 109);  
box-shadow:4px 4px 4px 4px rgb(197, 78,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 50.700, 8.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 78, 109) }
```

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

```
.background{ background-color: rgb(197, 78,  
109) }
```

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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