

Converting Colors

CIELCh(50, 5.281, 218.409)

Have a look what the booklet for
CIELCh(50, 5.281, 218.409) contains.

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Color

CIELCh(50, 5.288, 218.412)

Conversions

Conversions Part 1

Format	Color
Hex	6C797C
RGB	108, 121, 124
RGB Percent	42%, 47%, 49%
CMY	0.5753, 0.5243, 0.5125
CMYK	0.13, 0.02, 0.00, 0.51
HSL	191°, 7%, 46%
HSV	191°, 13%, 49%
XYZ	16.7525, 18.4187, 21.8425
YIQ	117.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

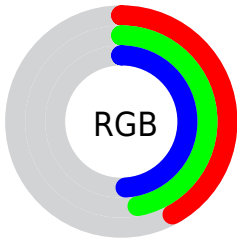
Format	Color
RYB	108, 115, 124
Decimal	7108988
CIELab	50.00, -4.14, -3.29
CIELCh	50, 5.288, 218.412
Yxy	18.4187, 0.2938, 0.3231
Android (android.graphics.Color)	4285299068 (0xFF6C797C)
YUV	117.4550, 3.2267, -8.2920
Hunter-Lab	42.9170, -5.4277, -0.1337

Details

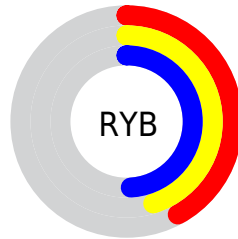
The CIELCh color **50, 5.288, 218.412** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 5.722, 37.817**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 5.004, 218.335**, and **30, 5.516, 212.138** is the 20% darker color. If you saturate the color by 10%, you get **48, 9.132, 218.757**, and if you desaturate by 10%, it is **52, 1.211, 218.392**.

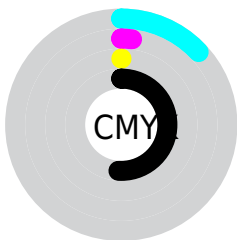
Distribution



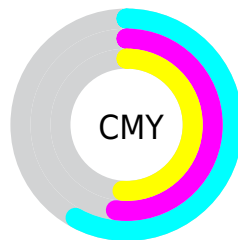
- Red (42%)
- Green (47%)
- Blue (49%)



- Red (42%)
- Yellow (45%)
- Blue (49%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 5.288, 218.412 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, 5.288, 218.412 by changing the saturation by 10% instead.

■ 50, 5.288, 218.412

■ 50, 5.288, 218.412

■ 100, 5.288,
218.412

■ 40, 5.288, 218.412

■ 70, 5.288, 218.412

■ 30, 5.288, 218.412

■ 80, 5.288, 218.412

■ 20, 5.288, 218.412

■ 90, 5.288, 218.412

■ 10, 5.288, 218.412

■ 0, 5.288, 218.412

■ 50, 5.288, 218.412

■ 50, 5.288, 218.412

■ 48, 9.132, 218.757

■ 52, 1.211, 218.392

■ 47, 12.685,
219.308

■ 53, 3.051, 37.803

■ 55, 7.452, 37.818

46, 15.888,
220.084

57, 11.956, 37.842

44, 18.682,
221.132

59, 16.532, 37.906

43, 21.018,
222.515

61, 21.157, 38.002

42, 22.862,
224.300

65, 30.474, 38.267

41, 24.209,
226.559

67, 35.138, 38.421

40, 25.094,
229.351

39, 25.629,
231.451

Harmonies

Complementary

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



50, 5.288, 218.412



48, 5.722, 37.817

Rectangle

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



50, 5.288, 218.412



50, 5.288, 268.412



50, 5.288, 38.412



50, 5.288, 88.412

Sweetspot

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



50, 5.288, 218.398



65, 2.070, 218.322



51, 10.047, 149.163



34, 1.480, 218.305



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



50, 5.288, 218.398



63, 7.548, 218.469



48, 6.706, 274.090



25, 2.306, 218.317



39, 25.724, 231.471



77, 43.433, 233.602

Inverse Universe

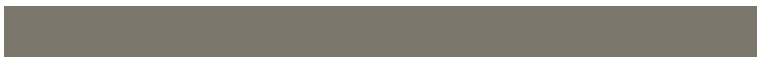
The Inverse Universe completely reimagines the original color for something new.



48, 10.048, 330.832



60, 14.455, 330.986



50, 6.701, 90.887



24, 4.329, 330.594



28, 59.166, 337.037



57, 98.871, 337.614

Previews

White Background



This preview shows how the CIE LCh color 50, 5.288, 218.412 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 50, 5.288, 218.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

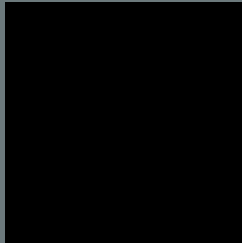
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

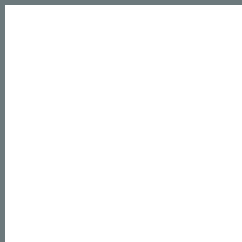
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 5.288, 218.412

Background



This preview shows how black text looks on a background with the CIELCh color 50, 5.288, 218.412.



This preview shows how white text looks on a background with the CIELCh color 50, 5.288, 218.412.

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, 5.288, 218.412

Protanopia

50, 2.488, 309.172

Deuteranopia

50, 8.055, 327.265



Tritanopia
50, 7.100, 254.922

Trichromacy



Original Color
50, 5.288, 218.412

Protanomaly
50, 2.607, 263.525

Deuteranomaly
50, 4.856, 304.892

Tritanomaly
50, 6.214, 248.212

Monochromacy



Original Color
50, 5.288, 218.412

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 2.059, 215.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 5.288, 218.412 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(108, 121, 124)` looks like.

```
.text, #text, p{  
    color:rgb(108, 121, 124)  
}
```

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(108, 121, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 121, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 5.288, 218.412 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(108, 121, 124) }
```

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

```
.border{ border-color:rgb(108, 121, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 121, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 121, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 121, 124);  
box-shadow:4px 4px 4px 4px rgb(108, 121,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 5.288, 218.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 121, 124) }
```

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

```
.background{ background-color: rgb(108,  
121, 124) }
```

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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