

Converting Colors

CIELCh(50, 10.683, 209.261)

Have a look what the booklet for
CIELCh(50, 10.683, 209.261)
contains.

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Color

CIELCh(50, 10.514, 208.029)

Conversions

Conversions Part 1

Format	Color
Hex	607C7F
RGB	96, 124, 127
RGB Percent	38%, 49%, 50%
CMY	0.6237, 0.5139, 0.5021
CMYK	0.24, 0.02, 0.00, 0.50
HSL	186°, 14%, 44%
HSV	186°, 24%, 50%
XYZ	15.8483, 18.4187, 22.7821
YIQ	115.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

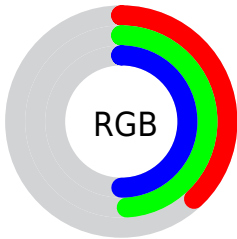
Format	Color
R _Y B	96, 111, 127
Decimal	6323327
CIE Lab	50.00, -9.28, -4.94
CIE LCh	50, 10.514, 208.029
Yxy	18.4187, 0.2778, 0.3229
Android (android.graphics.Color)	4284513407 (0xFF607C7F)
YUV	115.9700, 5.4378, -17.5137
Hunter-Lab	42.9170, -9.1885, -1.4317

Details

The CIELCh color **50, 10.514, 208.029** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **45, 12.361, 29.132**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 10.742, 207.428**, and **30, 10.573, 208.471** is the 20% darker color. If you saturate the color by 10%, you get **49, 14.283, 208.063**, and if you desaturate by 10%, it is **51, 6.401, 208.106**.

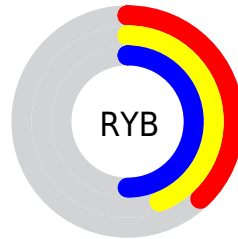
Distribution



Red (38%)

Green (49%)

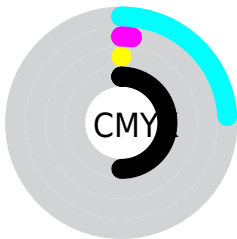
Blue (50%)



Red (38%)

Yellow (44%)

Blue (50%)

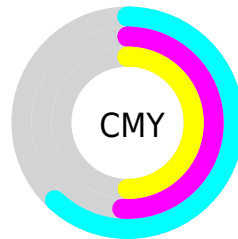


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (50%)



Cyan (62%)


Magenta (51%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 10.514, 208.029 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, 10.514, 208.029 by changing the saturation by 10% instead.


 50, 10.514,
208.029


 50, 10.514,
208.029


 100, 10.514,
208.029


 40, 10.514,
208.029


 70, 10.514,
208.029

 30, 10.514,
208.029


 80, 10.514,
208.029


 20, 10.514,
208.029

 90, 10.514,
208.029

 10, 10.514,
208.029

 0, 10.514, 208.029

 50, 10.514,
208.029

 50, 10.514,
208.029

49, 14.283,
208.063

51, 6.401, 208.106

48, 17.638,
208.240

53, 2.011, 208.386

54, 2.595, 28.247

47, 20.513,
208.579

55, 7.364, 28.612

46, 22.853,
209.111

57, 12.249, 28.938

59, 17.213, 29.281

45, 24.621,
209.868

60, 22.225, 29.640

45, 25.810,
210.884

62, 27.261, 30.009

64, 32.303, 30.385

44, 26.462,
212.179

44, 26.749,
212.936

Harmonies

Complementary

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



50, 10.514, 208.029



45, 12.361, 29.132

Rectangle

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



50, 10.514, 208.029



50, 10.514, 258.029



50, 10.514, 28.029



50, 10.514, 78.029

Sweetspot

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



50, 10.514, 208.023



67, 3.939, 208.263



50, 20.882, 145.184



35, 2.577, 208.249



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 10.514, 208.023



63, 15.244, 208.028



46, 11.637, 267.410



26, 2.547, 208.208



44, 26.831, 212.944



0, 0.000, 0.000

Inverse Universe

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



45, 20.717, 328.525



56, 30.578, 328.824



49, 12.011, 80.828



25, 4.775, 327.649



29, 64.228, 332.355



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 50, 10.514, 208.029 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, 10.514, 208.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

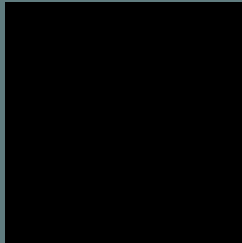
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

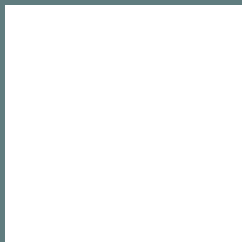
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 10.514, 208.029

Background



This preview shows how black text looks on a background with the CIELCh color 50, 10.514, 208.029.



This preview shows how white text looks on a background with the CIELCh color 50, 10.514, 208.029.

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, 10.514, 208.029

Protanopia

50, 2.964, 298.257

Deuteranopia

50, 9.320, 318.822



Tritanopia
50, 10.970, 230.999

Trichromacy



Original Color
50, 10.514, 208.029

Protanomaly
50, 4.171, 233.388

Deuteranomaly
50, 5.952, 279.709

Tritanomaly
50, 10.500, 225.165

Monochromacy



Original Color
50, 10.514, 208.029

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 3.961, 207.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 10.514, 208.029 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(96, 124, 127)` looks like.

```
.text, #text, p{  
    color:rgb(96, 124, 127)  
}
```

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(96, 124, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 124, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 10.514, 208.029 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(96, 124, 127) }
```

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

```
.border{ border-color:rgb(96, 124, 127) }
```

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

Here you see how a box with a 4 pixel rgb(96, 124, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 124, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 124, 127);  
box-shadow:4px 4px 4px 4px rgb(96, 124,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 10.514, 208.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 124, 127) }
```

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

```
.background{ background-color: rgb(96, 124,  
127) }
```

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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