

Converting Colors

CIELCh(50, 10.857, 212.241)

Have a look what the booklet for
CIELCh(50, 10.857, 212.241)
contains.

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Color

CIELCh(50, 10.904, 210.814)

Conversions

Conversions Part 1

Format	Color
Hex	5F7C80
RGB	95, 124, 128
RGB Percent	37%, 49%, 50%
CMY	0.6273, 0.5136, 0.4979
CMYK	0.26, 0.03, 0.00, 0.50
HSL	187°, 15%, 44%
HSV	187°, 26%, 50%
XYZ	15.8338, 18.4187, 23.1553
YIQ	115.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

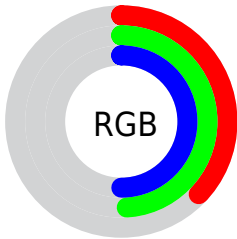
Format	Color
R _Y B	95, 110, 128
Decimal	6257792
CIE Lab	50.00, -9.36, -5.59
CIE LCh	50, 10.904, 210.814
Yxy	18.4187, 0.2758, 0.3208
Android (android.graphics.Color)	4284447872 (0xFF5F7C80)
YUV	115.7850, 6.0220, -18.2284
Hunter-Lab	42.9170, -9.2488, -1.9473

Details

The CIELCh color $50, 10.904, 210.814$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45, 12.953, 31.431$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 11.125, 209.984$, and $30, 10.939, 211.558$ is the 20% darker color. If you saturate the color by 10%, you get $49, 14.575, 211.009$, and if you desaturate by 10%, it is $51, 6.886, 210.751$.

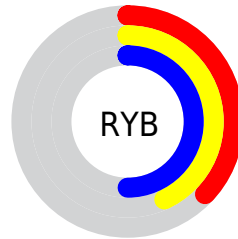
Distribution



Red (37%)

Green (49%)

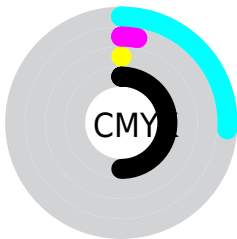
Blue (50%)



Red (37%)

Yellow (43%)

Blue (50%)

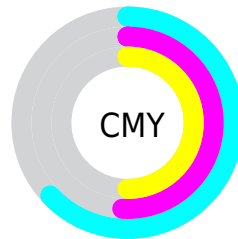


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (50%)



Cyan (63%)


Magenta (51%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 10.904, 210.814 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, 10.904, 210.814 by changing the saturation by 10% instead.


 50, 10.904,
210.814


 50, 10.904,
210.814


 100, 10.904,
210.814


 40, 10.904,
210.814


 70, 10.904,
210.814

 30, 10.904,
210.814


 80, 10.904,
210.814


 20, 10.904,
210.814

 90, 10.904,
210.814

 10, 10.904,
210.814

 0, 10.904, 210.814

 50, 10.904,
210.814

 50, 10.904,
210.814

49, 14.575,
211.009

51, 6.886, 210.751

48, 17.830,
211.375

53, 2.587, 210.873

47, 20.606,
211.942

54, 1.933, 30.619

46, 22.849,
212.747

56, 6.620, 30.937

45, 24.526,
213.836

57, 11.430, 31.183

44, 25.635,
215.253

59, 16.325, 31.449

43, 26.247,
217.008

61, 21.274, 31.737

43, 26.471,
217.767

63, 26.253, 32.040

65, 31.244, 32.353

Harmonies

Complementary

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



50, 10.904, 210.814



45, 12.953, 31.431

Rectangle

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



50, 10.904, 210.814



50, 10.904, 260.814



50, 10.904, 30.814



50, 10.904, 80.814

Sweetspot

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



50, 10.904, 210.808



67, 4.401, 210.814



50, 21.683, 146.060



35, 3.142, 210.793



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, 10.904, 210.808



63, 15.851, 210.909



45, 12.851, 270.666



26, 2.496, 210.799



43, 26.392, 217.757



0, 0.000, 0.000

Inverse Universe

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



45, 21.655, 329.382



55, 32.120, 329.729



49, 13.133, 83.700



25, 4.694, 328.406



29, 63.050, 333.537



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 50, 10.904, 210.814 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, 10.904, 210.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

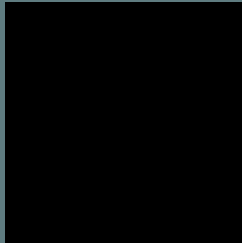
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

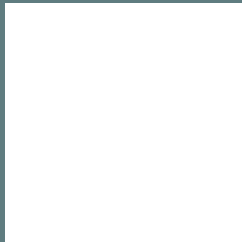
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 10.904, 210.814

Background



This preview shows how black text looks on a background with the CIELCh color 50, 10.904, 210.814.



This preview shows how white text looks on a background with the CIELCh color 50, 10.904, 210.814.

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, 10.904, 210.814

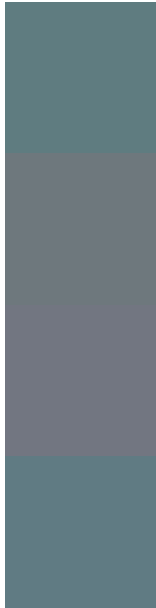
Protanopia
50, 3.545, 297.044

Deuteranopia
50, 9.672, 315.119



Tritanopia
50, 11.256, 230.057

Trichromacy



Original Color
50, 10.904, 210.814

Protanomaly
50, 4.799, 236.814

Deuteranomaly
50, 6.597, 277.538

Tritanomaly
50, 10.804, 224.332

Monochromacy



Original Color
50, 10.904, 210.814

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 4.341, 206.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 10.904, 210.814 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(95, 124, 128)` looks like.

```
.text, #text, p{  
    color:rgb(95, 124, 128)  
}
```

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(95, 124, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 124, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 10.904, 210.814 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(95, 124, 128) }
```

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

```
.border{ border-color:rgb(95, 124, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 124, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 124, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 124, 128);  
box-shadow:4px 4px 4px 4px rgb(95, 124,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 10.904, 210.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 124, 128) }
```

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

```
.background{ background-color: rgb(95, 124,  
128) }
```

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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