

Converting Colors

CIELCh(50, 5.245, 210.274)

Have a look what the booklet for
CIELCh(50, 5.245, 210.274) contains.

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Color

CIELCh(50, 5.154, 212.112)

Conversions

Conversions Part 1

Format	Color
Hex	6C797B
RGB	108, 121, 123
RGB Percent	42%, 47%, 48%
CMY	0.5750, 0.5240, 0.5161
CMYK	0.12, 0.02, 0.00, 0.52
HSL	188°, 6%, 45%
HSV	188°, 12%, 48%
XYZ	16.7128, 18.4187, 21.5385
YIQ	117.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

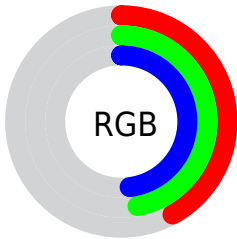
Format	Color
RYB	108, 115, 123
Decimal	7108987
CIELab	50.00, -4.37, -2.74
CIElCh	50, 5.154, 212.112
Yxy	18.4187, 0.2949, 0.3250
Android (android.graphics.Color)	4285299067 (0xFF6C797B)
YUV	117.3410, 2.7899, -8.1921
Hunter-Lab	42.9170, -5.5931, 0.2863

Details

The CIELCh color **50, 5.154, 212.112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 5.561, 32.128**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 4.875, 212.131**, and **30, 5.452, 205.404** is the 20% darker color. If you saturate the color by 10%, you get **49, 9.123, 212.163**, and if you desaturate by 10%, it is **51, 0.939, 212.442**.

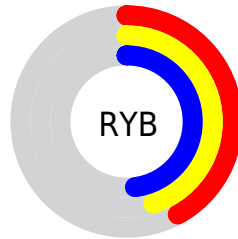
Distribution



Red (42%)

Green (47%)

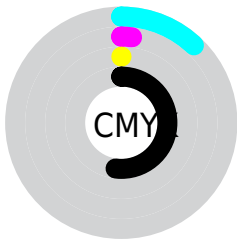
Blue (48%)



Red (42%)

Yellow (45%)

Blue (48%)

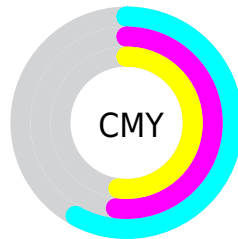


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 5.154, 212.112 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, 5.154, 212.112 by changing the saturation by 10% instead.

■ 50, 5.154, 212.112

■ 50, 5.154, 212.112

■ 100, 5.154,
212.112

■ 40, 5.154, 212.112

■ 70, 5.154, 212.112

■ 30, 5.154, 212.112

■ 80, 5.154, 212.112

■ 20, 5.154, 212.112

■ 90, 5.154, 212.112

■ 10, 5.154, 212.112

■ 0, 5.154, 212.112

■ 50, 5.154, 212.112

■ 50, 5.154, 212.112

■ 49, 9.123, 212.163

■ 51, 0.939, 212.442

■ 47, 12.785,
212.376

■ 53, 3.468, 32.001

■ 55, 8.019, 32.211

46, 16.076,
212.756

56, 12.675, 32.422

45, 18.932,
213.336

58, 17.401, 32.659

44, 21.298,
214.158

60, 22.173, 32.917

43, 23.133,
215.267

63, 31.770, 33.474

42, 24.424,
216.716

65, 36.565, 33.763

42, 25.192,
218.550

41, 25.630,
220.111

Harmonies

Complementary

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



50, 5.154, 212.112



48, 5.561, 32.128

Rectangle

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



50, 5.154, 212.112



50, 5.154, 262.112



50, 5.154, 32.112



50, 5.154, 82.112

Sweetspot

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



50, 5.154, 212.098



65, 2.146, 212.239



50, 9.888, 147.072



34, 1.535, 212.207



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, 5.154, 212.098



63, 7.821, 212.102



48, 5.850, 268.526



25, 2.390, 212.115



42, 25.862, 220.146



81, 43.417, 221.612

Inverse Universe

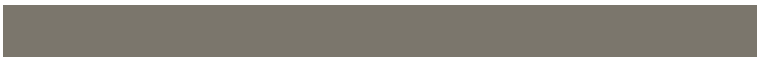
The Inverse Universe completely reimagines the original color for something new.



48, 9.794, 328.970



60, 15.014, 329.158



50, 5.900, 85.412



24, 4.498, 328.786



28, 61.590, 334.129



58, 103.124, 334.495

Previews

White Background



This preview shows how the CIE LCh color 50, 5.154, 212.112 looks on a white background.

Color Contrast Check

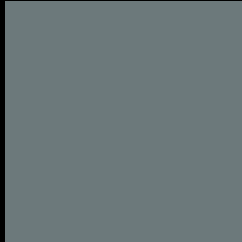
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.154, 212.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

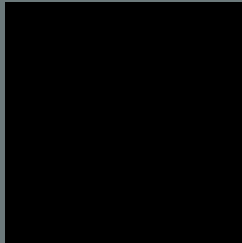
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

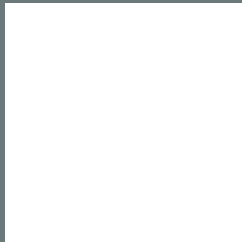
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 5.154, 212.112

Background



This preview shows how black text looks on a background with the CIELCh color 50, 5.154, 212.112.



This preview shows how white text looks on a background with the CIELCh color 50, 5.154, 212.112.

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

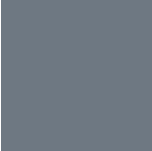
50, 5.154, 212.112

Protanopia

50, 1.944, 314.706

Deuteranopia

50, 7.859, 332.221



Tritanopia
50, 6.898, 257.473

Trichromacy



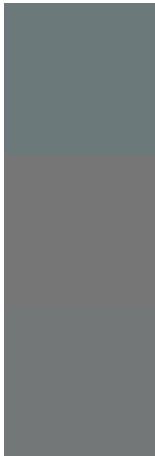
Original Color
50, 5.154, 212.112

Protanomaly
50, 2.105, 256.126

Deuteranomaly
50, 4.421, 311.727

Tritanomaly
50, 6.071, 241.618

Monochromacy



Original Color
50, 5.154, 212.112

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 1.686, 219.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 5.154, 212.112 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(108, 121, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 121, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 5.154, 212.112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

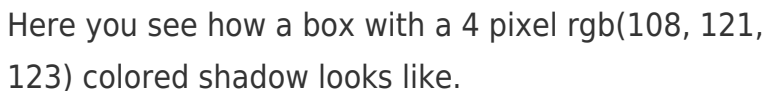
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 121, 123) }
```

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

```
.border{ border-color:rgb(108, 121, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 121, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 121, 123); box-shadow:4px 4px 4px 4px rgb(108, 121, 123) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 5.154, 212.112 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, 123) }
```

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

```
.background{ background-color: rgb(108,  
121, 123) }
```

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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