

Converting Colors

CIELCh(50, 4.701, 224.620)

Have a look what the booklet for
CIELCh(50, 4.701, 224.620) contains.

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Color

CIELCh(50, 4.583, 221.622)

Conversions

Conversions Part 1

Format	Color
Hex	6E797C
RGB	110, 121, 124
RGB Percent	43%, 47%, 49%
CMY	0.5689, 0.5258, 0.5140
CMYK	0.11, 0.02, 0.00, 0.51
HSL	193°, 6%, 46%
HSV	193°, 11%, 49%
XYZ	16.8815, 18.4187, 21.7077
YIQ	118.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

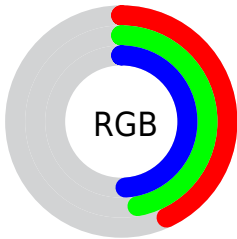
Format	Color
R_{YB}	110, 116, 124
Decimal	7240060
CIE _{Lab}	50.00, -3.43, -3.04
CIE _{LCh}	50, 4.583, 221.622
Yxy	18.4187, 0.2961, 0.3231
Android (android.graphics.Color)	4285430140 (0xFF6E797C)
YUV	118.0530, 2.9319, -7.0625
Hunter-Lab	42.9170, -4.8913, 0.0526

Details

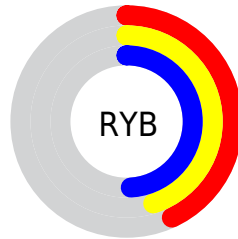
The CIELCh color **50, 4.583, 221.622** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 4.901, 40.785**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 4.331, 221.527**, and **30, 4.745, 214.485** is the 20% darker color. If you saturate the color by 10%, you get **48, 8.413, 222.074**, and if you desaturate by 10%, it is **52, 0.539, 221.869**.

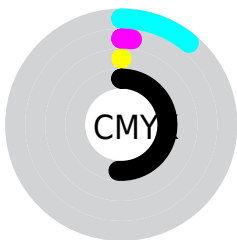
Distribution



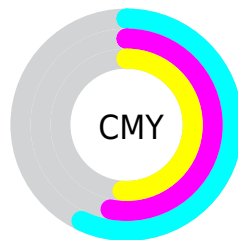
- Red (43%)
- Green (47%)
- Blue (49%)



- Red (43%)
- Yellow (45%)
- Blue (49%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 4.583, 221.622 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, 4.583, 221.622 by changing the saturation by 10% instead.

■ 50, 4.583, 221.622

■ 50, 4.583, 221.622

■ 100, 4.583,
221.622

■ 40, 4.583, 221.622

■ 70, 4.583, 221.622

■ 30, 4.583, 221.622

■ 80, 4.583, 221.622

■ 20, 4.583, 221.622

■ 90, 4.583, 221.622

■ 10, 4.583, 221.622

■ 0, 4.583, 221.622

■ 50, 4.583, 221.622

■ 50, 4.583, 221.622

■ 48, 8.413, 222.074

■ 52, 0.539, 221.869

■ 47, 11.975,
222.754

■ 54, 3.674, 40.821

■ 55, 8.014, 40.726

45, 15.213,
223.677

57, 12.448, 40.664

44, 18.074,
224.896

59, 16.949, 40.647

42, 20.507,
226.478

61, 21.493, 40.668

41, 22.480,
228.499

63, 26.062, 40.719

40, 23.988,
231.034

65, 30.641, 40.793

39, 25.062,
234.150

67, 35.220, 40.883

38, 25.846,
237.086

Harmonies

Complementary

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



50, 4.583, 221.622



49, 4.901, 40.785

Rectangle

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



50, 4.583, 221.622



50, 4.583, 271.622



50, 4.583, 41.622



50, 4.583, 91.622

Sweetspot

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



50, 4.583, 221.606



65, 1.535, 221.518



51, 8.677, 149.842



34, 1.170, 221.484



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, 4.583, 221.606



63, 6.971, 221.725



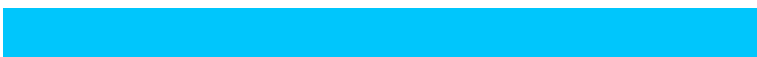
48, 5.970, 275.124



25, 2.274, 221.534



38, 26.003, 237.124



75, 44.093, 239.532

Inverse Universe

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



48, 8.618, 331.684



60, 13.232, 331.878



50, 5.952, 92.353



24, 4.248, 331.540



27, 58.034, 338.595



57, 96.899, 339.290

Previews

White Background



This preview shows how the CIELCh color 50, 4.583, 221.622 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 CIE LCh color 50, 4.583, 221.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

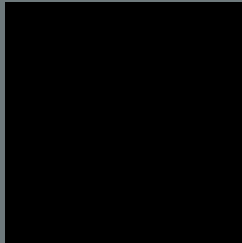
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

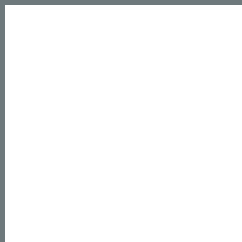
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 4.583, 221.622

Background



This preview shows how black text looks on a background with the CIELCh color 50, 4.583, 221.622.



This preview shows how white text looks on a background with the CIELCh color 50, 4.583, 221.622.

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

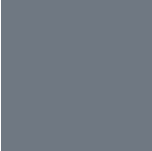
50, 4.583, 221.622

Protanopia

50, 2.488, 309.172

Deuteranopia

50, 7.599, 329.911



Tritanopia
50, 6.709, 260.184

Trichromacy



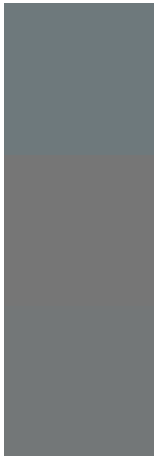
Original Color
50, 4.583, 221.622

Protanomaly
50, 2.607, 263.525

Deuteranomaly
50, 4.971, 309.322

Tritanomaly
50, 5.752, 253.875

Monochromacy



Original Color
50, 4.583, 221.622

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, 4.583, 221.622 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(110, 121, 124)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 121, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 4.583, 221.622 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(110, 121, 124) }
```

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

```
.border{ border-color:rgb(110, 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(110, 121, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 121, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 121, 124);  
box-shadow:4px 4px 4px 4px rgb(110, 121,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 4.583, 221.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 124) }
```

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

```
.background{ background-color: rgb(110,  
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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