

Converting Colors

CIELCh(51, 4.588, 219.870)

Have a look what the booklet for
CIELCh(51, 4.588, 219.870) contains.

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Color

CIELCh(51, 4.572, 221.616)

Conversions

Conversions Part 1

Format	Color
Hex	707B7E
RGB	112, 123, 126
RGB Percent	44%, 48%, 49%
CMY	0.5591, 0.5159, 0.5041
CMYK	0.11, 0.02, 0.00, 0.50
HSL	193°, 6%, 47%
HSV	193°, 11%, 50%
XYZ	17.6716, 19.2686, 22.6785
YIQ	120.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

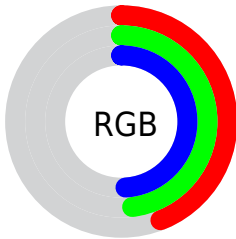
Format	Color
R_{YB}	112, 118, 126
Decimal	7371646
CIE Lab	51.00, -3.42, -3.04
CIE LCh	51, 4.572, 221.616
Yxy	19.2686, 0.2964, 0.3232
Android (android.graphics.Color)	4285561726 (0xFF707B7E)
YUV	120.0530, 2.9319, -7.0625
Hunter-Lab	43.8960, -4.9577, 0.0955

Details

The CIELCh color $51, 4.572, 221.616$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 4.883, 40.788$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 4.540, 228.042$, and $31, 4.542, 223.891$ is the 20% darker color. If you saturate the color by 10%, you get $49, 8.470, 222.065$, and if you desaturate by 10%, it is $53, 0.456, 222.003$.

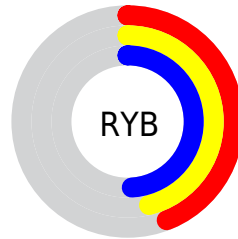
Distribution



Red (44%)

Green (48%)

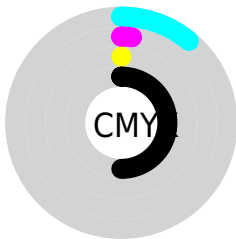
Blue (49%)



Red (44%)

Yellow (46%)

Blue (49%)

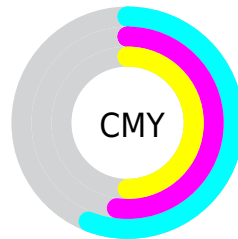


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 4.572, 221.616 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 51, 4.572, 221.616 by changing the saturation by 10% instead.

■ 51, 4.572, 221.616

■ 51, 4.572, 221.616

■ 100, 4.572,
221.616

■ 41, 4.572, 221.616

■ 71, 4.572, 221.616

■ 31, 4.572, 221.616

■ 81, 4.572, 221.616

■ 21, 4.572, 221.616

■ 91, 4.572, 221.616

■ 11, 4.572, 221.616

■ 1, 4.572, 221.616

■ 0, 4.572, 221.616

■ 51, 4.572, 221.616

■ 51, 4.572, 221.616

■ 49, 8.470, 222.065

■ 53, 0.456, 222.003

■ 48, 12.097,

■ 55, 3.830, 40.819

222.743

57, 8.245, 40.725

46, 15.395,
223.663

58, 12.756, 40.663

45, 18.308,
224.881

60, 17.333, 40.647

43, 20.786,
226.463

62, 21.954, 40.670

42, 22.796,
228.483

64, 26.600, 40.722

41, 24.332,
231.020

67, 31.256, 40.796

40, 25.426,
234.140

39, 26.231,
237.179

Harmonies

Complementary

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



51, 4.572, 221.616



50, 4.883, 40.788

Rectangle

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



51, 4.572, 221.616



51, 4.572, 271.616



51, 4.572, 41.616



51, 4.572, 91.616

Sweetspot

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



51, 4.572, 221.599



66, 1.555, 221.518



52, 8.652, 149.856



34, 1.170, 221.485



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



51, 4.572, 221.599



64, 6.574, 221.683



49, 5.952, 275.099



26, 2.353, 221.536



39, 26.390, 237.216



0, 0.000, 0.000

Inverse Universe

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



49, 8.592, 331.672



61, 12.439, 331.814



51, 5.934, 92.376



25, 4.396, 331.545



28, 58.866, 338.621



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 4.572, 221.616 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 51, 4.572, 221.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

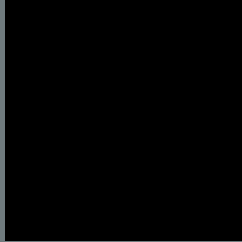
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

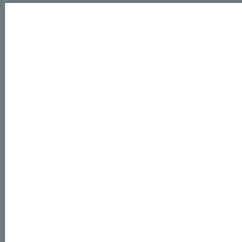
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 4.572, 221.616

Background



This preview shows how black text looks on a background with the CIELCh color 51, 4.572, 221.616.



This preview shows how white text looks on a background with the CIELCh color 51, 4.572, 221.616.

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

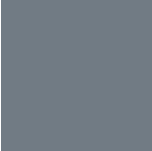
51, 4.572, 221.616

Protanopia

51, 2.375, 300.091

Deuteranopia

51, 7.566, 329.899



Tritanopia
51, 6.402, 254.388

Trichromacy



Original Color

51, 4.572, 221.616

Protanomaly

51, 2.596, 263.511

Deuteranomaly

51, 4.401, 311.722

Tritanomaly

51, 5.529, 246.852

Monochromacy



Original Color

51, 4.572, 221.616

Achromatopsia

50, 0.007, 296.813

Achromatomaly

51, 1.682, 219.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 4.572, 221.616 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(112, 123, 126)` looks like.

```
.text, #text, p{  
    color:rgb(112, 123, 126)  
}
```

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(112, 123, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 123, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 4.572, 221.616 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(112, 123, 126) }
```

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

```
.border{ border-color:rgb(112, 123, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 123, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 123, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 123, 126); box-shadow:4px 4px 4px 4px rgb(112, 123, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 4.572, 221.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 123, 126) }
```

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

```
.background{ background-color: rgb(112,  
123, 126) }
```

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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