

Converting Colors

CIELCh(51, 5.781, 315.632)

Have a look what the booklet for
CIELCh(51, 5.781, 315.632) contains.

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Color

CIELCh(51, 5.967, 318.410)

Conversions

Conversions Part 1

Format	Color
Hex	7E7780
RGB	126, 119, 128
RGB Percent	49%, 47%, 50%
CMY	0.5049, 0.5324, 0.4971
CMYK	0.02, 0.07, 0.00, 0.50
HSL	287°, 4%, 49%
HSV	287°, 7%, 50%
XYZ	19.1765, 19.2686, 23.2132
YIQ	122.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

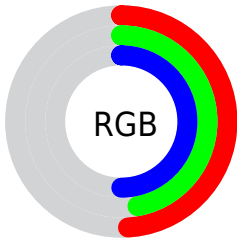
Format	Color
R_{YB}	126, 119, 128
Decimal	8288128
CIE Lab	51.00, 4.46, -3.96
CIE LCh	51, 5.967, 318.410
Yxy	19.2686, 0.3110, 0.3125
Android (android.graphics.Color)	4286478208 (0xFF7E7780)
YUV	122.1190, 2.8993, 3.4036
Hunter-Lab	43.8960, 1.1617, -0.6267

Details

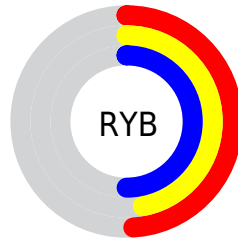
The CIELCh color $51, 5.967, 318.410$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 5.933, 137.867$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 6.255, 319.020$, and $31, 5.741, 317.668$ is the 20% darker color. If you saturate the color by 10%, you get $47, 14.586, 318.846$, and if you desaturate by 10%, it is $55, 2.497, 138.081$.

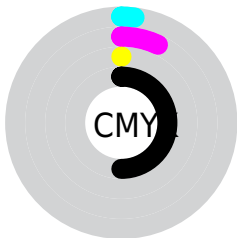
Distribution



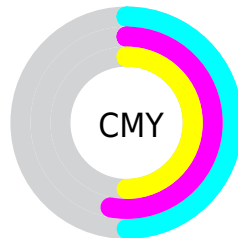
- Red (49%)
- Green (47%)
- Blue (50%)



- Red (49%)
- Yellow (47%)
- Blue (50%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 5.967, 318.410 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, 5.967, 318.410 by changing the saturation by 10% instead.

■ 51, 5.967, 318.410

■ 51, 5.967, 318.410

■ 100, 5.967,
318.410

■ 41, 5.967, 318.410

■ 71, 5.967, 318.410

■ 31, 5.967, 318.410

■ 81, 5.967, 318.410

■ 21, 5.967, 318.410

■ 91, 5.967, 318.410

■ 11, 5.967, 318.410

■ 1, 5.967, 318.410

■ 0, 5.967, 318.410

■ 51, 5.967, 318.410

■ 51, 5.967, 318.410

■ 47, 14.586,
318.846

■ 55, 2.497, 138.081

■ 59, 10.763,

44, 23.294,
319.275

137.645

40, 31.979,
319.689

63, 18.809,
137.272

37, 40.473,
320.067

66, 26.630,
136.928

33, 48.535,
320.381

70, 34.225,
136.612

31, 55.851,
320.595

74, 41.599,
136.323

28, 62.046,
320.666

78, 48.762,
136.060

26, 66.754,
320.549

82, 55.722,
135.821

25, 69.972,
320.247

86, 62.491,
135.606

Harmonies

Complementary

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



51, 5.967, 318.410



53, 5.933, 137.867

Rectangle

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



51, 5.967, 318.410



51, 5.967, 8.410



51, 5.967, 138.410



51, 5.967, 188.410

Sweetspot

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



51, 5.965, 318.409



67, 2.091, 318.143



51, 4.093, 279.166



35, 1.198, 318.130



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 5.965, 318.409



64, 8.395, 318.461



51, 5.290, 333.370



25, 4.776, 318.501



24, 70.610, 320.167



0, 0.000, 0.000

Inverse Universe

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



51, 3.833, 2.100



64, 5.403, 2.224



53, 5.268, 152.565



25, 3.078, 2.319



26, 54.002, 25.794



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 5.967, 318.410 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 51, 5.967, 318.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

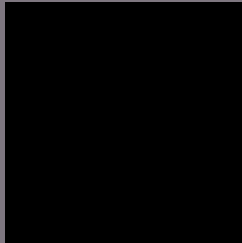
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 5.967, 318.410

Background



This preview shows how black text looks on a background with the CIELCh color 51, 5.967, 318.410.



This preview shows how white text looks on a background with the CIELCh color 51, 5.967, 318.410.

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, 5.967, 318.410

Protanopia

51, 4.667, 290.784

Deuteranopia

51, 8.020, 327.254



Tritanopia
51, 6.487, 316.023

Trichromacy



Original Color

51, 5.967, 318.410

Protanomaly

51, 5.401, 303.410

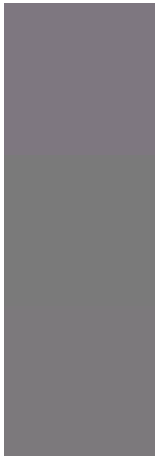
Deuteranomaly

51, 7.791, 324.866

Tritanomaly

51, 6.487, 316.023

Monochromacy



Original Color

51, 5.967, 318.410

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 2.134, 324.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 5.967, 318.410 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(126, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(126, 119, 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(126, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 119, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 5.967, 318.410 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(126, 119, 128) }
```

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

```
.border{ border-color:rgb(126, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(126, 119,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 5.967, 318.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 119, 128) }
```

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

```
.background{ background-color: rgb(126,  
119, 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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