

Converting Colors

CIELCh(51, 4.747, 309.773)

Have a look what the booklet for
CIELCh(51, 4.747, 309.773) contains.

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Color

CIELCh(51, 4.949, 309.315)

Conversions

Conversions Part 1

Format	Color
Hex	7C7880
RGB	124, 120, 128
RGB Percent	49%, 47%, 50%
CMY	0.5138, 0.5295, 0.4981
CMYK	0.03, 0.06, 0.00, 0.50
HSL	270°, 3%, 49%
HSV	270°, 6%, 50%
XYZ	18.9173, 19.2686, 23.1364
YIQ	122.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

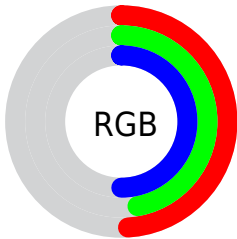
Format	Color
R_{YB}	124, 120, 128
Decimal	8157312
CIE _{Lab}	51.00, 3.14, -3.83
CIE _{LCh}	51, 4.949, 309.315
Yxy	19.2686, 0.3085, 0.3142
Android (android.graphics.Color)	4286347392 (0xFF7C7880)
YUV	122.1080, 2.9048, 1.6593
Hunter-Lab	43.8960, 0.1077, -0.5229

Details

The CIELCh color **51, 4.949, 309.315** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **53, 4.897, 128.819**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 5.160, 307.315**, and **31, 4.660, 306.911** is the 20% darker color. If you saturate the color by 10%, you get **47, 13.036, 309.776**, and if you desaturate by 10%, it is **55, 2.914, 128.943**.

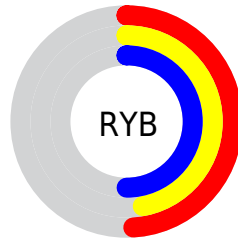
Distribution



Red (49%)

Green (47%)

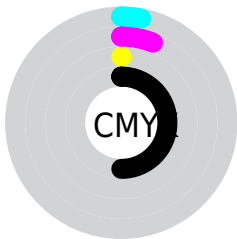
Blue (50%)



Red (49%)

Yellow (47%)

Blue (50%)

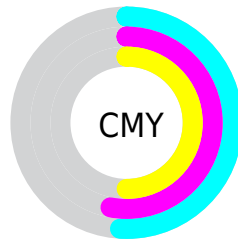


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (50%)



Cyan (51%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 4.949, 309.315 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, 4.949, 309.315 by changing the saturation by 10% instead.

■ 51, 4.949, 309.315

■ 51, 4.949, 309.315

■ 100, 4.949,
309.315

■ 41, 4.949, 309.315

■ 71, 4.949, 309.315

■ 31, 4.949, 309.315

■ 81, 4.949, 309.315

■ 21, 4.949, 309.315

■ 91, 4.949, 309.315

■ 11, 4.949, 309.315

■ 1, 4.949, 309.315

■ 0, 4.949, 309.315

■ 51, 4.949, 309.315

■ 51, 4.949, 309.315

■ 47, 13.036,
309.776

■ 55, 2.914, 128.943

■ 59, 10.544,

43, 21.328,
310.269

128.549

39, 29.779,
310.786

63, 17.942,
128.214

35, 38.297,
311.309

67, 25.116,
127.920

31, 46.727,
311.807

71, 32.077,
127.661

27, 54.814,
312.231

76, 38.833,
127.436

24, 62.173,
312.509

80, 45.397,
127.240

22, 68.296,
312.545

84, 51.779,
127.071

19, 72.880,
312.299

87, 57.989,
126.926

Harmonies

Complementary

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



51, 4.949, 309.315



53, 4.897, 128.819

Rectangle

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



51, 4.949, 309.315



51, 4.949, 359.315



51, 4.949, 129.315



51, 4.949, 179.315

Sweetspot

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



51, 4.947, 309.311



67, 1.950, 309.096



52, 2.745, 254.437



35, 1.117, 309.086



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, 4.947, 309.311



64, 6.854, 309.353



51, 5.636, 324.288



25, 3.563, 309.358



18, 74.399, 312.249



0, 0.000, 0.000

Inverse Universe

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



51, 3.984, 344.064



65, 5.519, 344.148



53, 5.622, 143.696



25, 2.869, 344.158



26, 50.839, 0.535



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 4.949, 309.315 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, 4.949, 309.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

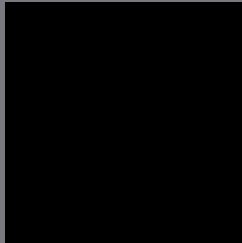
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

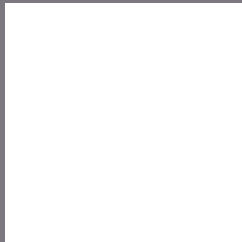
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 4.949, 309.315

Background



This preview shows how black text looks on a background with the CIELCh color 51, 4.949, 309.315.



This preview shows how white text looks on a background with the CIELCh color 51, 4.949, 309.315.

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, 4.949, 309.315

Protanopia

51, 4.108, 296.185

Deuteranopia

51, 7.566, 329.899



Tritanopia
51, 5.503, 307.406

Trichromacy



Original Color

51, 4.949, 309.315

Protanomaly

51, 4.169, 301.567

Deuteranomaly

51, 6.378, 324.782

Tritanomaly

51, 5.503, 307.406

Monochromacy



Original Color

51, 4.949, 309.315

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 1.935, 314.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 4.949, 309.315 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(124, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(124, 120, 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(124, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 120, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 4.949, 309.315 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(124, 120, 128) }
```

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

```
.border{ border-color:rgb(124, 120, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 120, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 120, 128);  
box-shadow:4px 4px 4px 4px rgb(124, 120,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 4.949, 309.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 120, 128) }
```

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

```
.background{ background-color: rgb(124,  
120, 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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