

Converting Colors

CIELCh(51, 5.061, 327.576)

Have a look what the booklet for
CIELCh(51, 5.061, 327.576) contains.

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Color

CIELCh(51, 5.207, 328.357)

Conversions

Conversions Part 1

Format	Color
Hex	7F777E
RGB	127, 119, 126
RGB Percent	50%, 47%, 49%
CMY	0.5013, 0.5327, 0.5052
CMYK	0.00, 0.06, 0.01, 0.50
HSL	308°, 3%, 48%
HSV	308°, 6%, 50%
XYZ	19.1706, 19.2686, 22.5041
YIQ	122.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

Format	Color
R_{YB}	127, 119, 126
Decimal	8353662
CIE _{Lab}	51.00, 4.43, -2.73
CIE _{LCh}	51, 5.207, 328.357
Yxy	19.2686, 0.3146, 0.3162
Android (android.graphics.Color)	4286543742 (0xFF7F777E)
YUV	122.1900, 1.8783, 4.2184
Hunter-Lab	43.8960, 1.1378, 0.3311

Details

The CIELCh color $51, 5.207, 328.357$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 5.191, 147.720$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 5.546, 327.850$, and $31, 4.906, 329.061$ is the 20% darker color. If you saturate the color by 10%, you get $47, 13.552, 328.952$, and if you desaturate by 10%, it is $55, 3.032, 147.911$.

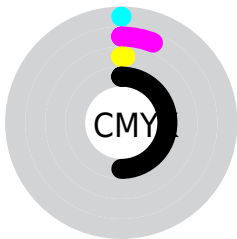
Distribution



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



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



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 5.207, 328.357 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, 5.207, 328.357 by changing the saturation by 10% instead.

■ 51, 5.207, 328.357

■ 51, 5.207, 328.357

■ 100, 5.207,
328.357

■ 41, 5.207, 328.357

■ 71, 5.207, 328.357

■ 31, 5.207, 328.357

■ 81, 5.207, 328.357

■ 21, 5.207, 328.357

■ 91, 5.207, 328.357

■ 11, 5.207, 328.357

■ 1, 5.207, 328.357

■ 0, 5.207, 328.357

■ 51, 5.207, 328.357

■ 51, 5.207, 328.357

■ 47, 13.552,
328.952

■ 55, 3.032, 147.911

■ 58, 11.097,

44, 21.906,
329.538

147.326

41, 30.119,
330.125

62, 18.953,
146.803

38, 37.980,
330.708

66, 26.585,
146.310

35, 45.220,
331.284

69, 33.987,
145.842

33, 51.519,
331.849

73, 41.162,
145.400

31, 56.553,
332.405

77, 48.120,
144.982

30, 60.059,
332.959

81, 54.870,
144.590

29, 62.080,
333.523

85, 61.426,
144.221

Harmonies

Complementary

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



51, 5.207, 328.357



52, 5.191, 147.720

Rectangle

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



51, 5.207, 328.357



51, 5.207, 18.357



51, 5.207, 148.357



51, 5.207, 198.357

Sweetspot

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



51, 5.205, 328.358



67, 2.053, 328.038



50, 4.699, 295.252



35, 1.176, 328.021



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, 5.205, 328.358



64, 8.230, 328.474



51, 3.700, 350.909



25, 4.681, 328.529



29, 62.866, 333.731



0, 0.000, 0.000

Inverse Universe

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



51, 5.205, 328.358



64, 8.230, 328.474



53, 3.649, 170.002



25, 4.681, 328.529



29, 62.866, 333.731



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 5.207, 328.357 looks on a white background.

Color Contrast Check

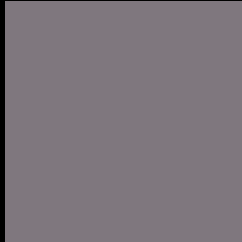
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.207, 328.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

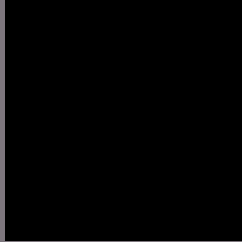
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 5.207, 328.357

Background



This preview shows how black text looks on a background with the CIELCh color 51, 5.207, 328.357.



This preview shows how white text looks on a background with the CIELCh color 51, 5.207, 328.357.

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, 5.207, 328.357

Protanopia

51, 3.529, 297.037

Deuteranopia

51, 7.012, 338.595



Tritanopia
51, 6.163, 321.696

Trichromacy



Original Color

51, 5.207, 328.357

Protanomaly

51, 4.401, 311.722

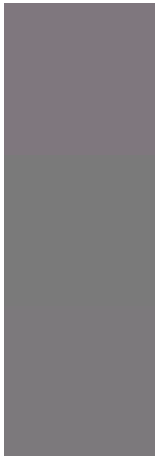
Deuteranomaly

51, 6.718, 336.253

Tritanomaly

51, 5.675, 324.740

Monochromacy



Original Color

51, 5.207, 328.357

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, 5.207, 328.357 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(127, 119, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 119, 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(127, 119, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 119, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 5.207, 328.357 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(127, 119, 126) }
```

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

```
.border{ border-color:rgb(127, 119, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 119, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 119, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 119, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 119,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 5.207, 328.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 119, 126) }
```

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

```
.background{ background-color: rgb(127,  
119, 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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