

Converting Colors

CIELCh(51, 3.353, 357.223)

Have a look what the booklet for
CIELCh(51, 3.353, 357.223) contains.

CIELCh(51, 3.063, 357.337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 3.063, 357.337)

Conversions

Conversions Part 1

Format	Color
Hex	7F787A
RGB	127, 120, 122
RGB Percent	50%, 47%, 48%
CMY	0.5029, 0.5303, 0.5225
CMYK	0.00, 0.06, 0.04, 0.50
HSL	343°, 3%, 48%
HSV	343°, 6%, 50%
XYZ	18.9025, 19.2686, 21.0579
YIQ	122.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

Format	Color
R_{YB}	127, 120, 122
Decimal	8353914
CIE Lab	51.00, 3.06, -0.14
CIE LCh	51, 3.063, 357.337
Yxy	19.2686, 0.3191, 0.3253
Android (android.graphics.Color)	4286543994 (0xFF7F787A)
YUV	122.3210, -0.1583, 4.1035
Hunter-Lab	43.8960, 0.0477, 2.2845

Details

The CIELCh color **51, 3.063, 357.337** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 3.009, 176.606**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 3.223, 359.782**, and **31, 2.734, 6.353** is the 20% darker color. If you saturate the color by 10%, you get **47, 8.785, 358.410**, and if you desaturate by 10%, it is **55, 2.426, 176.745**.

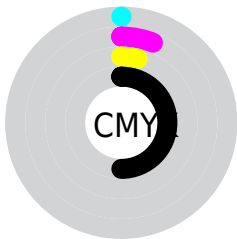
Distribution



- Red (50%)
- Green (47%)
- Blue (48%)



- Red (50%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 3.063, 357.337 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, 3.063, 357.337 by changing the saturation by 10% instead.

■ 51, 3.063, 357.337

■ 51, 3.063, 357.337

■ 100, 3.063,
357.337

■ 41, 3.063, 357.337

■ 71, 3.063, 357.337

■ 31, 3.063, 357.337

■ 81, 3.063, 357.337

■ 21, 3.063, 357.337

■ 91, 3.063, 357.337

■ 11, 3.063, 357.337

■ 1, 3.063, 357.337

■ 0, 3.063, 357.337

■ 51, 3.063, 357.337

■ 51, 3.063, 357.337

■ 47, 8.785, 358.410

■ 55, 2.426, 176.745

■ 44, 14.710,

■ 59, 7.668, 175.880

359.564

63, 12.669,
175.174

40, 20.768, 0.909

66, 17.441,
174.544

37, 26.842, 2.517

34, 32.757, 4.480

70, 22.001,
173.972

31, 38.282, 6.919

74, 26.366,
173.449

29, 43.171, 9.978

27, 47.230, 13.807

78, 30.554,
172.968

26, 50.512, 18.399

82, 34.582,
172.523

86, 38.466,
172.111

Harmonies

Complementary

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



51, 3.063, 357.337



52, 3.009, 176.606

Rectangle

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



51, 3.063, 357.337



51, 3.063, 47.337



51, 3.063, 177.337



51, 3.063, 227.337

Sweetspot

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



51, 3.062, 357.353



67, 1.374, 356.848



51, 4.542, 315.925



35, 0.787, 356.812



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, 3.062, 357.353



65, 4.852, 357.532



51, 2.402, 39.209



25, 2.523, 357.545



26, 52.270, 20.437



0, 0.000, 0.000

Inverse Universe

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



51, 3.062, 357.353



65, 4.852, 357.532



52, 2.328, 219.779



25, 2.523, 357.545



26, 52.270, 20.437



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 3.063, 357.337 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, 3.063, 357.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

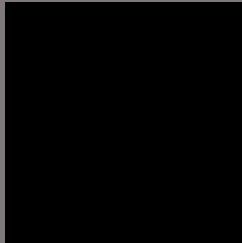
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 3.063, 357.337

Background



This preview shows how black text looks on a background with the CIELCh color 51, 3.063, 357.337.



This preview shows how white text looks on a background with the CIELCh color 51, 3.063, 357.337.

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, 3.063, 357.337

Protanopia

51, 1.000, 343.494

Deuteranopia

51, 6.530, 359.305



Tritanopia
51, 6.378, 324.782

Trichromacy



Original Color
51, 3.063, 357.337

Protanomaly
51, 1.346, 353.659

Deuteranomaly
51, 5.176, 0.285

Tritanomaly
51, 5.462, 331.701

Monochromacy



Original Color
51, 3.063, 357.337

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 1.346, 353.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 3.063, 357.337 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, 120, 122)` looks like.

```
.text, #text, p{  
    color:rgb(127, 120, 122)  
}
```

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, 120, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 120, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 3.063, 357.337 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, 120, 122) }
```

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

```
.border{ border-color:rgb(127, 120, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 120, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 120, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 120, 122);  
box-shadow:4px 4px 4px 4px rgb(127, 120,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 3.063, 357.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 120, 122) }
```

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

```
.background{ background-color: rgb(127,  
120, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor