

Converting Colors

CIELCh(51, 3.833, 177.462)

Have a look what the booklet for
CIELCh(51, 3.833, 177.462) contains.

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Color

CIELCh(51, 3.763, 181.036)

Conversions

Conversions Part 1

Format	Color
Hex	727B79
RGB	114, 123, 121
RGB Percent	45%, 48%, 47%
CMY	0.5513, 0.5160, 0.5238
CMYK	0.07, 0.00, 0.02, 0.52
HSL	167°, 4%, 47%
HSV	167°, 7%, 48%
XYZ	17.6077, 19.2686, 21.0173
YIQ	120.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

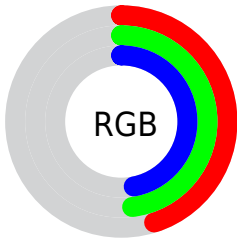
Format	Color
R _Y B	114, 119, 123
Decimal	7502713
CIE Lab	51.00, -3.76, -0.07
CIE LCh	51, 3.763, 181.036
Yxy	19.2686, 0.3041, 0.3328
Android (android.graphics.Color)	4285692793 (0xFF727B79)
YUV	120.0810, 0.4531, -5.3330
Hunter-Lab	43.8960, -5.2175, 2.3393

Details

The CIELCh color **51, 3.763, 181.036** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 3.864, 2.115**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 3.535, 181.246**, and **31, 3.500, 188.419** is the 20% darker color. If you saturate the color by 10%, you get **50, 8.817, 180.074**, and if you desaturate by 10%, it is **52, 1.410, 1.531**.

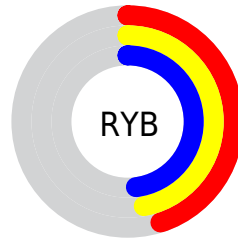
Distribution



Red (45%)

Green (48%)

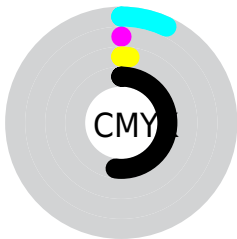
Blue (47%)



Red (45%)

Yellow (47%)

Blue (48%)

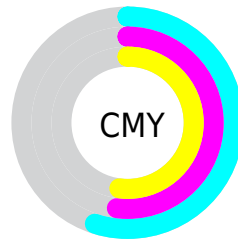


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 3.763, 181.036 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, 3.763, 181.036 by changing the saturation by 10% instead.

■ 51, 3.763, 181.036

■ 51, 3.763, 181.036

■ 100, 3.763,
181.036

■ 41, 3.763, 181.036

■ 71, 3.763, 181.036

■ 31, 3.763, 181.036

■ 81, 3.763, 181.036

■ 21, 3.763, 181.036

■ 91, 3.763, 181.036

■ 11, 3.763, 181.036

■ 1, 3.763, 181.036

■ 0, 3.763, 181.036

■ 51, 3.763, 181.036

■ 51, 3.763, 181.036

■ 50, 8.817, 180.074

■ 52, 1.410, 1.531

■ 49, 13.679,

■ 53, 6.648, 2.544

179.113

55, 11.903, 3.351

48, 18.276,
178.096

56, 17.137, 4.116

48, 22.526,
177.006

57, 22.322, 4.850

47, 26.352,
175.822

59, 27.438, 5.558

47, 29.688,
174.525

62, 37.412, 6.905

46, 32.488,
173.094

64, 42.257, 7.545

46, 34.740,
171.508

46, 36.548,
169.806

Harmonies

Complementary

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



51, 3.763, 181.036



49, 3.864, 2.115

Rectangle

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



51, 3.763, 181.036



51, 3.763, 231.036



51, 3.763, 1.036



51, 3.763, 51.036

Sweetspot

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



51, 3.764, 181.023



66, 1.284, 181.714



51, 5.959, 137.521



35, 0.735, 181.753



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, 3.764, 181.023



65, 5.749, 180.835



50, 2.926, 227.976



25, 2.881, 180.850



46, 37.369, 169.339



89, 63.844, 168.227

Inverse Universe

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



49, 3.864, 2.115



62, 5.940, 2.316



50, 3.041, 46.974



24, 2.975, 2.300



25, 53.169, 25.654



53, 91.782, 28.890

Previews

White Background



This preview shows how the CIELCh color 51, 3.763, 181.036 looks on a white background.

Color Contrast Check

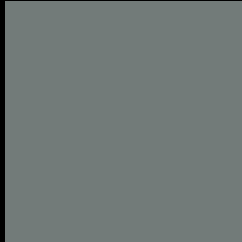
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.763, 181.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

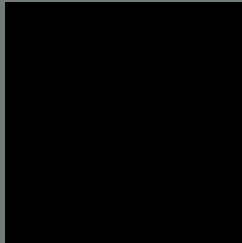
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

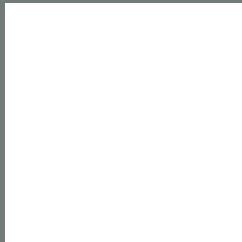
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 3.763, 181.036

Background



This preview shows how black text looks on a background with the CIELCh color 51, 3.763, 181.036.



This preview shows how white text looks on a background with the CIELCh color 51, 3.763, 181.036.

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, 3.763, 181.036

Protanopia

51, 1.336, 45.004

Deuteranopia

51, 6.380, 353.029



Tritanopia
51, 6.218, 269.258

Trichromacy



Original Color
51, 3.763, 181.036

Protanomaly
51, 0.705, 144.653

Deuteranomaly
51, 2.693, 353.987

Tritanomaly
51, 4.207, 243.147

Monochromacy



Original Color
51, 3.763, 181.036

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 1.335, 173.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 3.763, 181.036 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(114, 123, 121)` looks like.

```
.text, #text, p{  
    color:rgb(114, 123, 121)  
}
```

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(114, 123, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 123, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 3.763, 181.036 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(114, 123, 121) }
```

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

```
.border{ border-color:rgb(114, 123, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 123, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 123, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 123, 121);  
box-shadow:4px 4px 4px 4px rgb(114, 123,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 3.763, 181.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 123, 121) }
```

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

```
.background{ background-color: rgb(114,  
123, 121) }
```

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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