

Converting Colors

CIELCh(51, 35.120, 19.530)

Have a look what the booklet for
CIELCh(51, 35.120, 19.530) contains.

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Color

CIELCh(51, 35.177, 19.574)

Conversions

Conversions Part 1

Format	Color
Hex	B36267
RGB	179, 98, 103
RGB Percent	70%, 38%, 40%
CMY	0.2984, 0.6160, 0.5964
CMYK	0.00, 0.45, 0.42, 0.30
HSL	356°, 35%, 54%
HSV	356°, 45%, 70%
XYZ	25.3713, 19.2686, 15.1918
YIQ	122.7890, 46.6710, 18.7270

Conversions

Conversions Part 2

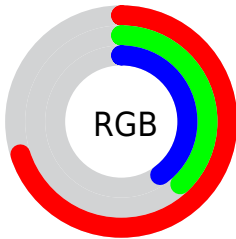
Format	Color
R_{YB}	179, 98, 103
Decimal	11756135
CIE _{Lab}	51.00, 33.14, 11.79
CIE _{LCh}	51, 35.177, 19.574
Yxy	19.2686, 0.4240, 0.3220
Android (android.graphics.Color)	4289946215 (0xFFB36267)
YUV	122.7890, -9.7560, 49.2970
Hunter-Lab	43.8960, 26.3523, 10.2078

Details

The CIELCh color **51, 35.177, 19.574** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **68, 26.502, 191.248**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 35.163, 19.399**, and **31, 35.009, 20.077** is the 20% darker color. If you saturate the color by 10%, you get **47, 43.886, 21.744**, and if you desaturate by 10%, it is **55, 26.657, 17.883**.

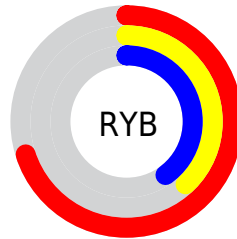
Distribution



Red (70%)

Green (38%)

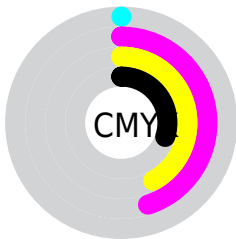
Blue (40%)



Red (70%)

Yellow (38%)

Blue (40%)

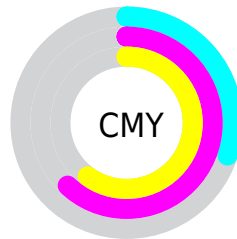


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (30%)



Cyan (30%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 35.177, 19.574 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, 35.177, 19.574 by changing the saturation by 10% instead.

■ 51, 35.177, 19.574

■ 51, 35.177, 19.574

■ 100, 35.177,
19.574

■ 41, 35.177, 19.574

■ 71, 35.177, 19.574

■ 31, 35.177, 19.574

■ 81, 35.177, 19.574

■ 21, 35.177, 19.574

■ 91, 35.177, 19.574

■ 11, 35.177, 19.574

■ 1, 35.177, 19.574

■ 0, 35.177, 19.574

■ 51, 35.177, 19.574

■ 51, 35.177, 19.574

■ 47, 43.886, 21.744

■ 55, 26.657, 17.883

■ 43, 52.546, 24.501

■ 60, 18.502, 16.548

41, 60.863, 27.924

65, 10.805, 15.474

39, 68.513, 31.922

70, 3.600, 14.532

37, 74.987, 36.005

75, 3.118, 194.136

37, 77.543, 37.497

81, 9.378, 193.452

86, 15.219,
192.946

91, 20.684,
192.523

95, 24.368,
196.681

Harmonies

Complementary

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



51, 35.177, 19.574



68, 26.502, 191.248

Rectangle

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



51, 35.177, 19.574



51, 35.177, 69.574



51, 35.177, 199.574



51, 35.177, 249.574

Sweetspot

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



51, 35.175, 19.577



83, 12.197, 15.374



53, 52.630, 324.812



43, 8.552, 15.583



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



51, 35.175, 19.577



61, 52.943, 21.658



59, 28.914, 62.984



35, 3.918, 14.916



31, 68.671, 37.001



2, 9.186, 15.443

Inverse Universe

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



51, 35.175, 19.577



61, 52.943, 21.658



58, 23.998, 255.527



35, 3.918, 14.916



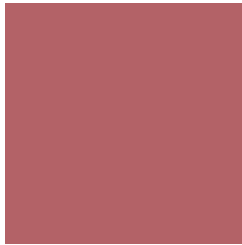
31, 68.671, 37.001



2, 9.186, 15.443

Previews

White Background



This preview shows how the CIELCh color 51, 35.177, 19.574 looks on a white background.

Color Contrast Check

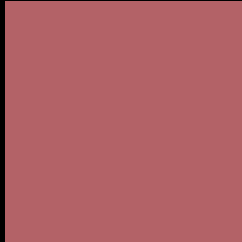
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.177, 19.574 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, 35.177, 19.574

Background



This preview shows how black text looks on a background with the CIELCh color 51, 35.177, 19.574.



This preview shows how white text looks on a background with the CIELCh color 51, 35.177, 19.574.

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, 35.177, 19.574

Protanopia

51, 4.032, 79.070

Deuteranopia

51, 14.497, 62.680



Tritanopia
51, 35.032, 17.722

Trichromacy



Original Color
51, 35.177, 19.574

Protanomaly
51, 13.643, 25.794

Deuteranomaly
51, 20.583, 36.094

Tritanomaly
51, 35.099, 18.650

Monochromacy



Original Color
51, 35.177, 19.574

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 12.150, 15.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 35.177, 19.574 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(179, 98, 103)` looks like.

```
.text, #text, p{  
    color:rgb(179, 98, 103)  
}
```

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(179, 98, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 98, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 35.177, 19.574 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(179, 98, 103) }
```

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

```
.border{ border-color:rgb(179, 98, 103) }
```

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

Here you see how a box with a 4 pixel rgb(179, 98, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 98, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 98, 103);  
box-shadow:4px 4px 4px 4px rgb(179, 98,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 35.177, 19.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 98, 103) }
```

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

```
.background{ background-color: rgb(179, 98,  
103) }
```

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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