

Converting Colors

CIELCh(51, 36.815, 357.425)

Have a look what the booklet for
CIELCh(51, 36.815, 357.425)
contains.

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Color

CIELCh(51, 36.606, 357.959)

Conversions

Conversions Part 1

Format	Color
Hex	B2607D
RGB	178, 96, 125
RGB Percent	70%, 38%, 49%
CMY	0.3025, 0.6240, 0.5103
CMYK	0.00, 0.46, 0.30, 0.30
HSL	339°, 35%, 54%
HSV	339°, 46%, 70%
XYZ	26.1930, 19.2686, 21.6986
YIQ	123.8240, 39.5630, 26.4030

Conversions

Conversions Part 2

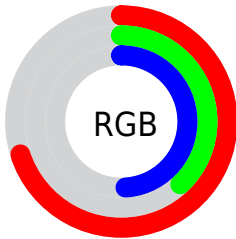
Format	Color
R_{YB}	178, 96, 125
Decimal	11690109
CIE Lab	51.00, 36.58, -1.30
CIE LCh	51, 36.606, 357.959
Yxy	19.2686, 0.3900, 0.2869
Android (android.graphics.Color)	4289880189 (0xFFB2607D)
YUV	123.8240, 0.5798, 47.5124
Hunter-Lab	43.8960, 29.6937, 1.4191

Details

The CIELCh color **51, 36.606, 357.959** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **67, 32.819, 167.485**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 37.024, 357.522**, and **31, 36.603, 358.297** is the 20% darker color. If you saturate the color by 10%, you get **47, 44.228, 359.908**, and if you desaturate by 10%, it is **55, 28.590, 356.363**.

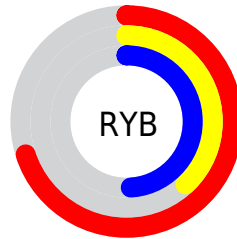
Distribution



Red (70%)

Green (38%)

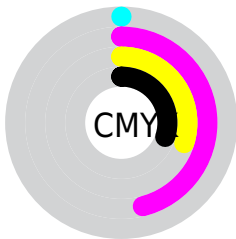
Blue (49%)



Red (70%)

Yellow (38%)

Blue (49%)

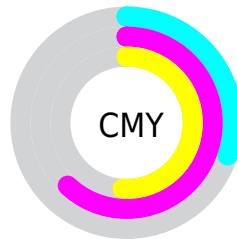


Cyan (0%)

Magenta (46%)

Yellow (30%)

Black (30%)



Cyan (30%)


Magenta (62%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 36.606, 357.959 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, 36.606, 357.959 by changing the saturation by 10% instead.


 51, 36.606,
357.959


 51, 36.606,
357.959


 100, 36.606,
357.959


 41, 36.606,
357.959


 71, 36.606,
357.959

 31, 36.606,
357.959

 81, 36.606,
357.959

 21, 36.606,
357.959

 91, 36.606,
357.959

 11, 36.606,
357.959

 1, 36.606, 357.959

 0, 36.606, 357.959

51, 36.606,
357.959

51, 36.606,
357.959

47, 44.228,
359.908

55, 28.590,
356.363

44, 51.104, 2.332

60, 20.472,
355.020

41, 56.858, 5.391

65, 12.446,
353.863

39, 61.237, 9.258

38, 64.300, 14.025

69, 4.633, 352.809


37, 65.441, 15.956

74, 2.904, 172.164

80, 10.137,
171.273

85, 17.063,
170.545

90, 23.693,
169.891

 95, 29.536,
169.845

Harmonies

Complementary

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



51, 36.606, 357.959



67, 32.819, 167.485

Rectangle

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



51, 36.606, 357.959



51, 36.606, 47.959



51, 36.606, 177.959



51, 36.606, 227.959

Sweetspot

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



51, 36.603, 357.961



83, 13.400, 353.664



49, 50.739, 315.563



43, 9.359, 353.894



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, 36.603, 357.961



61, 53.842, 359.878



53, 32.674, 33.925



35, 4.343, 353.149



32, 58.429, 15.235



2, 9.897, 357.845

Inverse Universe

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



51, 36.603, 357.961



61, 53.842, 359.878



64, 23.094, 213.060



35, 4.343, 353.149



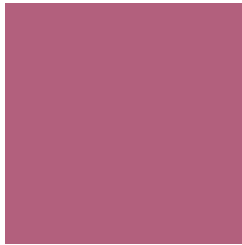
32, 58.429, 15.235



2, 9.897, 357.845

Previews

White Background



This preview shows how the CIELCh color 51, 36.606, 357.959 looks on a white background.

Color Contrast Check

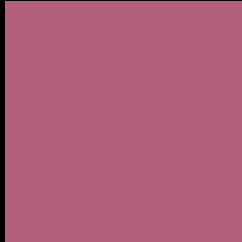
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.606, 357.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

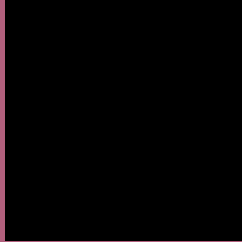
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 36.606, 357.959

Background



This preview shows how black text looks on a background with the CIELCh color 51, 36.606, 357.959.



This preview shows how white text looks on a background with the CIELCh color 51, 36.606, 357.959.

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, 36.606, 357.959

Protanopia

51, 11.084, 287.711

Deuteranopia

51, 6.758, 5.241



Tritanopia
51, 33.222, 16.103

Trichromacy



Original Color
51, 36.606, 357.959

Protanomaly
51, 16.933, 332.261

Deuteranomaly
51, 17.788, 358.734

Tritanomaly
51, 34.063, 9.741

Monochromacy



Original Color
51, 36.606, 357.959

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 13.517, 355.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 36.606, 357.959 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(178, 96, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 96, 125)  
}
```

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(178, 96, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 96, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 36.606, 357.959 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(178, 96, 125) }
```

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

```
.border{ border-color:rgb(178, 96, 125) }
```

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

Here you see how a box with a 4 pixel rgb(178, 96, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 96, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 96, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 96,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 36.606, 357.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 96, 125) }
```

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

```
.background{ background-color: rgb(178, 96,  
125) }
```

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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