

Converting Colors

CIELCh(52, 37.729, 13.518)

Have a look what the booklet for
CIELCh(52, 37.729, 13.518) contains.

CIELCh(52, 37.765, 12.703)	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(52, 37.765, 12.703)

Conversions

Conversions Part 1

Format	Color
Hex	B9616F
RGB	185, 97, 111
RGB Percent	73%, 38%, 44%
CMY	0.2728, 0.6181, 0.5632
CMYK	0.00, 0.47, 0.40, 0.27
HSL	350°, 39%, 55%
HSV	350°, 47%, 73%
XYZ	27.3117, 20.1443, 17.5953
YIQ	124.9080, 47.9540, 23.0100

Conversions

Conversions Part 2

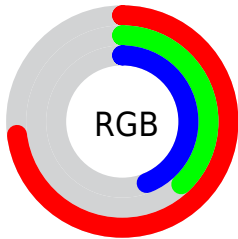
Format	Color
R_{YB}	185, 97, 111
Decimal	12149103
CIE _{Lab}	52.00, 36.84, 8.30
CIE _{LCh}	52, 37.765, 12.703
Yxy	20.1443, 0.4198, 0.3097
Android (android.graphics.Color)	4290339183 (0xFFB9616F)
YUV	124.9080, -6.8566, 52.7007
Hunter-Lab	44.8824, 30.0761, 8.1742

Details

The CIELCh color **52, 37.765, 12.703** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 29.954, 182.110**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 37.736, 12.690**, and **32, 37.768, 12.487** is the 20% darker color. If you saturate the color by 10%, you get **48, 46.162, 15.062**, and if you desaturate by 10%, it is **56, 29.295, 10.834**.

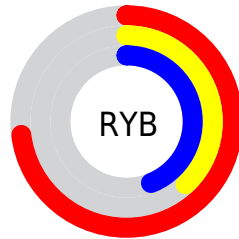
Distribution



Red (73%)

Green (38%)

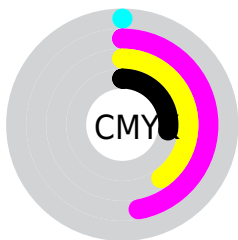
Blue (44%)



Red (73%)

Yellow (38%)

Blue (44%)

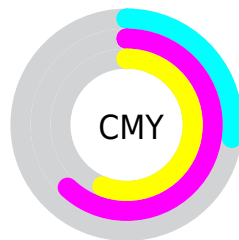


Cyan (0%)

Magenta (47%)

Yellow (40%)

Black (27%)



Cyan (27%)

Magenta (62%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 37.765, 12.703 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 52, 37.765, 12.703 by changing the saturation by 10% instead.

■ 52, 37.765, 12.703

■ 52, 37.765, 12.703

■ 100, 37.765,
12.703

■ 42, 37.765, 12.703

■ 72, 37.765, 12.703

■ 32, 37.765, 12.703

■ 82, 37.765, 12.703

■ 22, 37.765, 12.703

■ 92, 37.765, 12.703

■ 12, 37.765, 12.703

■ 2, 37.765, 12.703

■ 0, 37.765, 12.703

■ 52, 37.765, 12.703

■ 52, 37.765, 12.703

■ 48, 46.162, 15.062

■ 56, 29.295, 10.834

■ 45, 54.199, 18.046

■ 61, 20.993, 9.327

42, 61.578, 21.781

66, 13.004, 8.086

40, 68.108, 26.287

71, 5.409, 7.012

39, 73.781, 31.246

77, 1.765, 186.518

39, 75.183, 32.385

82, 8.522, 185.554

87, 14.884,
184.882

93, 20.882,
184.302

96, 22.687,
193.768

Harmonies

Complementary

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



52, 37.765, 12.703



70, 29.954, 182.110

Rectangle

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



52, 37.765, 12.703



52, 37.765, 62.703



52, 37.765, 192.703



52, 37.765, 242.703

Sweetspot

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



52, 37.763, 12.706



87, 12.824, 7.725



53, 55.645, 321.854



45, 8.980, 7.965



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



52, 37.763, 12.706



62, 56.893, 15.189



58, 31.668, 52.472



36, 4.085, 7.206



32, 65.537, 31.627



2, 10.812, 9.841

Inverse Universe

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



52, 37.763, 12.706



62, 56.893, 15.189



62, 23.874, 242.347



36, 4.085, 7.206



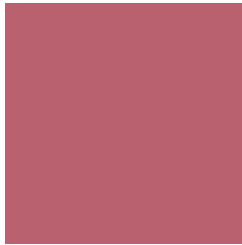
32, 65.537, 31.627



2, 10.812, 9.841

Previews

White Background



This preview shows how the CIELCh color 52, 37.765, 12.703 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 52, 37.765, 12.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

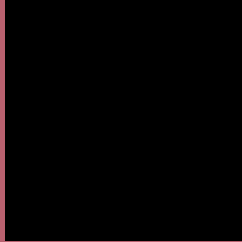
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 37.765, 12.703

Background



This preview shows how black text looks on a background with the CIELCh color 52, 37.765, 12.703.



This preview shows how white text looks on a background with the CIELCh color 52, 37.765, 12.703.

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

52, 37.765, 12.703

Protanopia

52, 1.420, 324.396

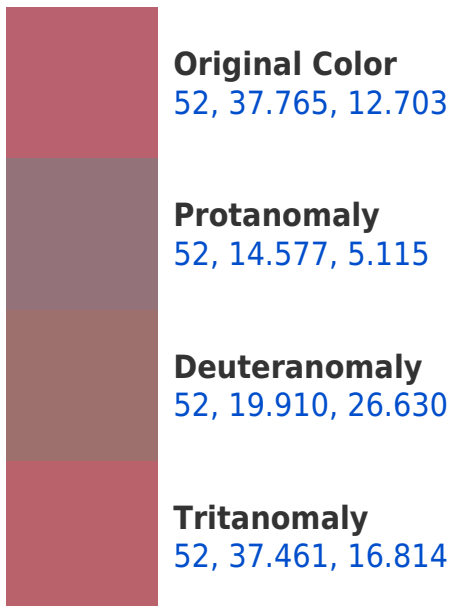
Deuteranopia

52, 12.101, 54.956

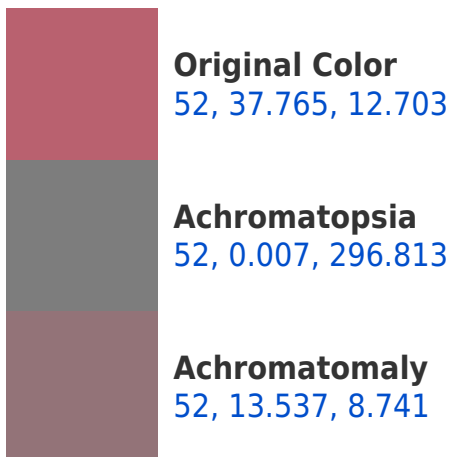


Tritanopia
52, 37.591, 18.544

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 37.765, 12.703 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(185, 97, 111)` looks like.

```
.text, #text, p{  
    color:rgb(185, 97, 111)  
}
```

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(185, 97, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 97, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 37.765, 12.703 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(185, 97, 111) }
```

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

```
.border{ border-color:rgb(185, 97, 111) }
```

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

Here you see how a box with a 4 pixel rgb(185, 97, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 97, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 97, 111);  
box-shadow:4px 4px 4px 4px rgb(185, 97,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 37.765, 12.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 97, 111) }
```

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

```
.background{ background-color: rgb(185, 97,  
111) }
```

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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