

Converting Colors

CIELCh(57, 34.877, 12.704)

Have a look what the booklet for
CIELCh(57, 34.877, 12.704) contains.

CIELCh(57, 34.955, 12.808)	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(57, 34.955, 12.808)

Conversions

Conversions Part 1

Format	Color
Hex	C4717D
RGB	196, 113, 125
RGB Percent	77%, 44%, 49%
CMY	0.2325, 0.5579, 0.5108
CMYK	0.00, 0.42, 0.36, 0.23
HSL	351°, 41%, 60%
HSV	351°, 42%, 77%
XYZ	32.2504, 24.9227, 22.4266
YIQ	139.1850, 45.6160, 21.3280

Conversions

Conversions Part 2

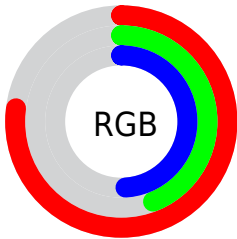
Format	Color
R_{YB}	196, 113, 125
Decimal	12874109
CIE _{Lab}	57.00, 34.09, 7.75
CIE _{LCh}	57, 34.955, 12.808
Yxy	24.9227, 0.4052, 0.3131
Android (android.graphics.Color)	4291064189 (0xFFC4717D)
YUV	139.1850, -6.9932, 49.8268
Hunter-Lab	49.9226, 27.9479, 8.3111

Details

The CIELCh color **57, 34.955, 12.808** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **74, 28.217, 183.843**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.143, 12.356**, and **37, 35.000, 13.360** is the 20% darker color. If you saturate the color by 10%, you get **53, 43.860, 14.921**, and if you desaturate by 10%, it is **62, 26.134, 11.131**.

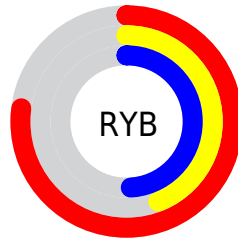
Distribution



Red (77%)

Green (44%)

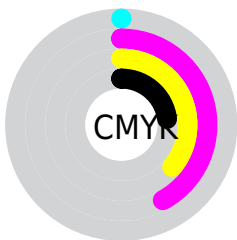
Blue (49%)



Red (77%)

Yellow (44%)

Blue (49%)

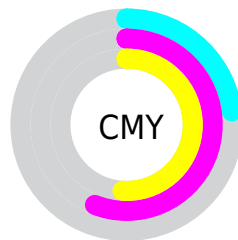


Cyan (0%)

Magenta (42%)

Yellow (36%)

Black (23%)



Cyan (23%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 34.955, 12.808 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 57, 34.955, 12.808 by changing the saturation by 10% instead.

57, 34.955, 12.808

57, 34.955, 12.808

100, 34.955,
12.808

47, 34.955, 12.808

77, 34.955, 12.808

37, 34.955, 12.808

87, 34.955, 12.808

27, 34.955, 12.808

97, 34.955, 12.808

17, 34.955, 12.808

7, 34.955, 12.808

0, 34.955, 12.808

57, 34.955, 12.808

57, 34.955, 12.808

53, 43.860, 14.921

62, 26.134, 11.131

49, 52.580, 17.595

67, 17.600, 9.771

45, 60.794, 20.970

72, 9.464, 8.636

43, 68.233, 25.119

78, 1.775, 7.473

42, 74.746, 29.910

83, 5.460, 187.073

41, 79.170, 33.501

89, 12.261,
186.342

94, 18.657,
185.736

96, 19.401,
198.225

Harmonies

Complementary

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



57, 34.955, 12.808



74, 28.217, 183.843

Rectangle

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



57, 34.955, 12.808



57, 34.955, 62.808



57, 34.955, 192.808



57, 34.955, 242.808

Sweetspot

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



57, 34.953, 12.811



91, 12.337, 8.722



58, 52.320, 322.180



47, 8.690, 8.965



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 34.953, 12.811



68, 52.892, 14.783



63, 28.927, 54.470



38, 4.257, 8.320



33, 67.838, 32.714



3, 14.158, 11.556

Inverse Universe

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



57, 34.953, 12.811



68, 52.892, 14.783



66, 22.819, 243.671



38, 4.257, 8.320



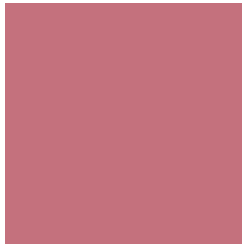
33, 67.838, 32.714



3, 14.158, 11.556

Previews

White Background



This preview shows how the CIELCh color 57, 34.955, 12.808 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 57, 34.955, 12.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

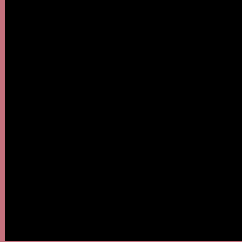
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 34.955, 12.808

Background



This preview shows how black text looks on a background with the CIELCh color 57, 34.955, 12.808.



This preview shows how white text looks on a background with the CIELCh color 57, 34.955, 12.808.

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

57, 34.955, 12.808

Protanopia

57, 0.979, 343.447

Deuteranopia

57, 11.868, 51.805



Tritanopia
57, 34.589, 15.400

Trichromacy



Original Color
57, 34.955, 12.808

Protanomaly
57, 13.270, 8.551

Deuteranomaly
57, 19.026, 26.505

Tritanomaly
57, 34.564, 14.473

Monochromacy



Original Color
57, 34.955, 12.808

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 12.848, 8.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 34.955, 12.808 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(196, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(196, 113, 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(196, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 113, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 34.955, 12.808 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(196, 113, 125) }
```

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

```
.border{ border-color:rgb(196, 113, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 113, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 113, 125);  
box-shadow:4px 4px 4px 4px rgb(196, 113,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 34.955, 12.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 113, 125) }
```

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

```
.background{ background-color: rgb(196,  
113, 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](#).

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