

Converting Colors

CIELCh(55, 33.513, 31.167)

Have a look what the booklet for
CIELCh(55, 33.513, 31.167) contains.

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Color

CIELCh(55, 33.550, 30.855)

Conversions

Conversions Part 1

Format	Color
Hex	BA6F67
RGB	186, 111, 103
RGB Percent	73%, 44%, 40%
CMY	0.2689, 0.5632, 0.5947
CMYK	0.00, 0.40, 0.45, 0.27
HSL	6°, 38%, 57%
HSV	6°, 45%, 73%
XYZ	28.5447, 22.9298, 15.8491
YIQ	132.5130, 47.2680, 13.4120

Conversions

Conversions Part 2

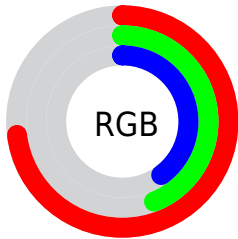
Format	Color
R_{YB}	186, 112, 103
Decimal	12218215
CIE _{Lab}	55.00, 28.80, 17.21
CIE _{LCh}	55, 33.550, 30.855
Yxy	22.9298, 0.4240, 0.3406
Android (android.graphics.Color)	4290408295 (0xFFBA6F67)
YUV	132.5130, -14.5499, 46.9081
Hunter-Lab	47.8851, 22.6062, 13.8956

Details

The CIELCh color **55, 33.550, 30.855** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **68, 24.031, 208.258**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 33.253, 31.350**, and **35, 33.533, 31.221** is the 20% darker color. If you saturate the color by 10%, you get **51, 42.568, 32.170**, and if you desaturate by 10%, it is **59, 25.029, 29.881**.

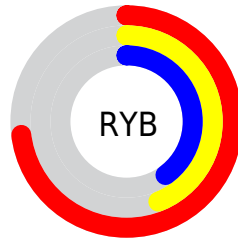
Distribution



Red (73%)

Green (44%)

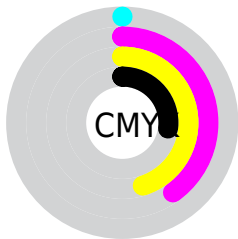
Blue (40%)



Red (73%)

Yellow (44%)

Blue (40%)

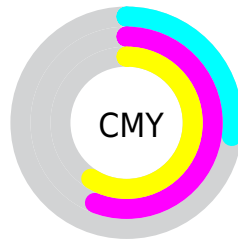


Cyan (0%)

Magenta (40%)

Yellow (45%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 33.550, 30.855 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 55, 33.550, 30.855 by changing the saturation by 10% instead.

■ 55, 33.550, 30.855

■ 55, 33.550, 30.855

■ 100, 33.550,
30.855

■ 45, 33.550, 30.855

■ 75, 33.550, 30.855

■ 35, 33.550, 30.855

■ 85, 33.550, 30.855

■ 25, 33.550, 30.855

■ 95, 33.550, 30.855

■ 15, 33.550, 30.855

■ 5, 33.550, 30.855

■ 0, 33.550, 30.855

■ 55, 33.550, 30.855

■ 55, 33.550, 30.855

■ 51, 42.568, 32.170

■ 59, 25.029, 29.881

■ 47, 51.940, 33.868

■ 64, 17.080, 29.168

44, 61.392, 35.946

69, 9.717, 28.651

42, 70.400, 38.215

73, 2.919, 28.190

40, 77.832, 40.076

78, 3.354, 208.315

39, 81.187, 41.114

83, 9.152, 208.092

88, 14.525,
208.015

93, 19.525,
208.000

96, 22.146,
198.053

Harmonies

Complementary

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



55, 33.550, 30.855



68, 24.031, 208.258

Rectangle

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



55, 33.550, 30.855



55, 33.550, 80.855



55, 33.550, 210.855



55, 33.550, 260.855

Sweetspot

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



55, 33.548, 30.859



88, 10.679, 28.592



56, 51.410, 329.297



46, 7.602, 28.691



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



55, 33.548, 30.859



66, 51.045, 32.068



65, 30.999, 77.996



37, 3.741, 28.428



33, 71.440, 41.087



3, 11.478, 25.359

Inverse Universe

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



68, 24.031, 208.258



85, 33.601, 208.607



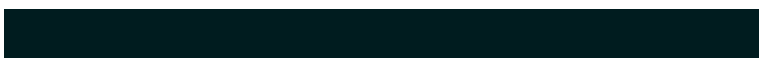
57, 29.142, 271.844



39, 3.523, 208.173



54, 31.338, 213.270



8, 10.278, 210.428

Previews

White Background



This preview shows how the CIELCh color 55, 33.550, 30.855 looks on a white background.

Color Contrast Check

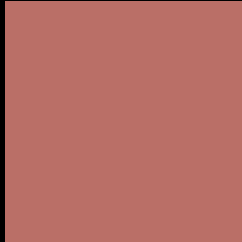
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 33.550, 30.855 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 55, 33.550, 30.855

Background



This preview shows how black text looks on a background with the CIELCh color 55, 33.550, 30.855.

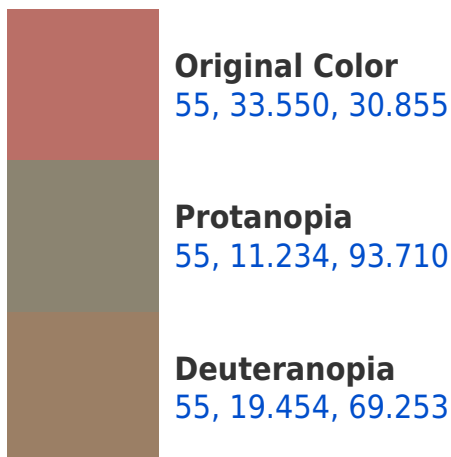


This preview shows how white text looks on a background with the CIELCh color 55, 33.550, 30.855.

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





Tritanopia
55, 33.563, 16.020

Trichromacy



Original Color
55, 33.550, 30.855

Protanomaly
55, 16.334, 54.277

Deuteranomaly
55, 22.918, 49.109

Tritanomaly
55, 33.048, 21.530

Monochromacy



Original Color
55, 33.550, 30.855

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 11.349, 29.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 33.550, 30.855 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(186, 111, 103)` looks like.

```
.text, #text, p{  
    color:rgb(186, 111, 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(186, 111, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 111, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 33.550, 30.855 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(186, 111, 103) }
```

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

```
.border{ border-color:rgb(186, 111, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 111, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 111, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 111, 103);  
box-shadow:4px 4px 4px 4px rgb(186, 111,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 33.550, 30.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 111, 103) }
```

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

```
.background{ background-color: rgb(186,  
111, 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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