

Converting Colors

CIELCh(55, 31.984, 30.058)

Have a look what the booklet for
CIELCh(55, 31.984, 30.058) contains.

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Color

CIELCh(55, 31.984, 30.058)

Conversions

Conversions Part 1

Format	Color
Hex	B87069
RGB	184, 112, 105
RGB Percent	72%, 44%, 41%
CMY	0.2769, 0.5594, 0.5869
CMYK	0.00, 0.39, 0.43, 0.28
HSL	5°, 36%, 57%
HSV	5°, 43%, 72%
XYZ	28.2595, 22.9298, 16.3915
YIQ	132.7300, 45.1590, 13.0870

Conversions

Conversions Part 2

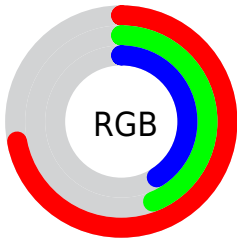
Format	Color
RYB	184, 113, 105
Decimal	12087401
CIELab	55.00, 27.68, 16.02
CIELCh	55, 31.984, 30.058
Yxy	22.9298, 0.4182, 0.3393
Android (android.graphics.Color)	4290277481 (0xFFB87069)
YUV	132.7300, -13.6709, 44.9638
Hunter-Lab	47.8851, 21.5432, 13.2241

Details

The CIELCh color **55, 31.984, 30.058** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 23.271, 207.262**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 31.810, 30.693**, and **35, 31.801, 30.199** is the 20% darker color. If you saturate the color by 10%, you get **51, 40.880, 31.367**, and if you desaturate by 10%, it is **59, 23.589, 29.088**.

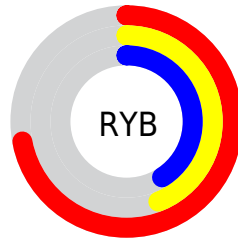
Distribution



Red (72%)

Green (44%)

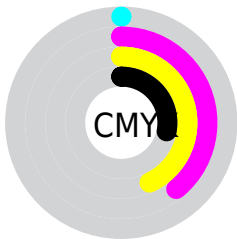
Blue (41%)



Red (72%)

Yellow (44%)

Blue (41%)

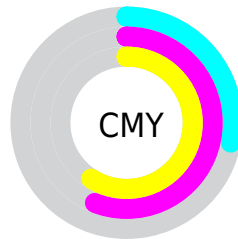


Cyan (0%)

Magenta (39%)

Yellow (43%)

Black (28%)



Cyan (28%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 31.984, 30.058 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, 31.984, 30.058 by changing the saturation by 10% instead.

■ 55, 31.984, 30.058

■ 55, 31.984, 30.058

■ 100, 31.984,
30.058

■ 45, 31.984, 30.058

■ 75, 31.984, 30.058

■ 35, 31.984, 30.058

■ 85, 31.984, 30.058

■ 25, 31.984, 30.058

■ 95, 31.984, 30.058

■ 15, 31.984, 30.058

■ 5, 31.984, 30.058

■ 0, 31.984, 30.058

■ 55, 31.984, 30.058

■ 55, 31.984, 30.058

■ 51, 40.880, 31.367

■ 59, 23.589, 29.088

■ 47, 50.146, 33.065

■ 64, 15.763, 28.373

44, 59.530, 35.167

69, 8.516, 27.845

42, 68.572, 37.529

74, 1.825, 27.276

40, 76.294, 39.635

78, 4.351, 207.457

39, 80.661, 41.007

83, 10.062,
207.250

88, 15.358,
207.160

93, 20.290,
207.128

96, 22.735,
198.016

Harmonies

Complementary

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



55, 31.984, 30.058



68, 23.271, 207.262

Rectangle

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



55, 31.984, 30.058



55, 31.984, 80.058



55, 31.984, 210.058



55, 31.984, 260.058

Sweetspot

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



55, 31.982, 30.062



87, 10.658, 27.861



56, 49.160, 329.203



45, 7.521, 27.966



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



55, 31.982, 30.062



66, 48.632, 31.216



65, 29.491, 78.234



36, 3.681, 27.683



33, 70.642, 40.915



3, 9.985, 25.173

Inverse Universe

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



68, 23.271, 207.262



85, 32.661, 207.510



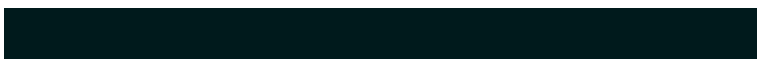
57, 27.786, 271.422



38, 3.468, 207.370



54, 31.170, 211.727



7, 9.245, 210.816

Previews

White Background



This preview shows how the CIELCh color 55, 31.984, 30.058 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, 31.984, 30.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

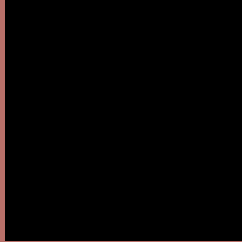
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 31.984, 30.058

Background



This preview shows how black text looks on a background with the CIELCh color 55, 31.984, 30.058.

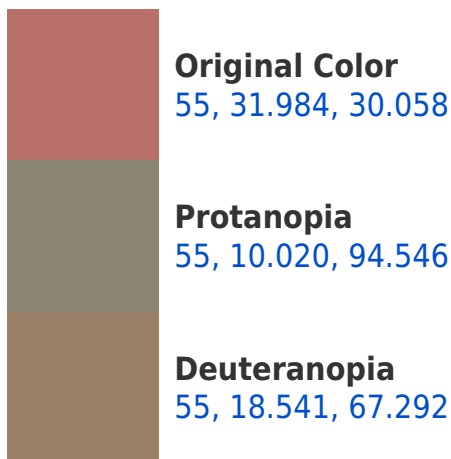


This preview shows how white text looks on a background with the CIELCh color 55, 31.984, 30.058.

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, 31.813, 14.321

Trichromacy



Original Color
55, 31.984, 30.058

Protanomaly
55, 15.260, 51.903

Deuteranomaly
55, 22.145, 48.464

Tritanomaly
55, 31.616, 20.243

Monochromacy



Original Color
55, 31.984, 30.058

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 11.240, 26.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 31.984, 30.058 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(184, 112, 105)` looks like.

```
.text, #text, p{  
    color:rgb(184, 112, 105)  
}
```

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(184, 112, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 112, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 31.984, 30.058 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(184, 112, 105) }
```

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

```
.border{ border-color:rgb(184, 112, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 112, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 112, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 112, 105);  
box-shadow:4px 4px 4px 4px rgb(184, 112,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 31.984, 30.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 112, 105) }
```

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

```
.background{ background-color: rgb(184,  
112, 105) }
```

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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