

Converting Colors

CIELCh(55, 31.135, 358.226)

Have a look what the booklet for
CIELCh(55, 31.135, 358.226)
contains.

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Color

CIELCh(55, 30.823, 358.499)

Conversions

Conversions Part 1

Format	Color
Hex	B56F86
RGB	181, 111, 134
RGB Percent	71%, 44%, 53%
CMY	0.2900, 0.5645, 0.4743
CMYK	0.00, 0.39, 0.26, 0.29
HSL	340°, 32%, 57%
HSV	340°, 39%, 71%
XYZ	29.0620, 22.9298, 25.4640
YIQ	134.5520, 34.3370, 21.9930

Conversions

Conversions Part 2

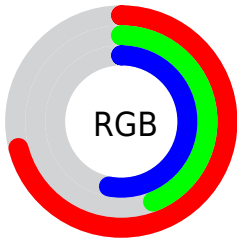
Format	Color
R_{YB}	181, 111, 134
Decimal	11890566
CIE _{Lab}	55.00, 30.81, -0.81
CIE _{LCh}	55, 30.823, 358.499
Yxy	22.9298, 0.3752, 0.2960
Android (android.graphics.Color)	4290080646 (0xFFB56F86)
YUV	134.5520, -0.2721, 40.7349
Hunter-Lab	47.8851, 24.5348, 1.9908

Details

The CIELCh color **55, 30.823, 358.499** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **69, 27.821, 170.081**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 30.552, 358.699**, and **35, 31.022, 357.590** is the 20% darker color. If you saturate the color by 10%, you get **51, 38.871, 0.234**, and if you desaturate by 10%, it is **60, 22.632, 357.062**.

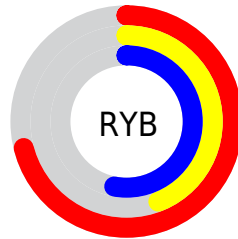
Distribution



Red (71%)

Green (44%)

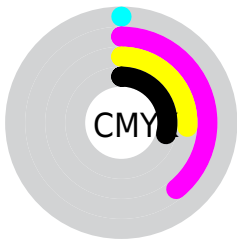
Blue (53%)



Red (71%)

Yellow (44%)

Blue (53%)

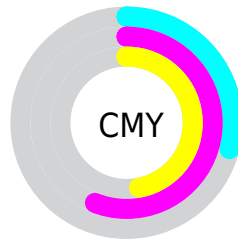


Cyan (0%)

Magenta (39%)

Yellow (26%)

Black (29%)



Cyan (29%)


Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 30.823, 358.499 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, 30.823, 358.499 by changing the saturation by 10% instead.


 55, 30.823,
358.499

 55, 30.823,
358.499

 100, 30.823,
358.499


 45, 30.823,
358.499


 75, 30.823,
358.499

 35, 30.823,
358.499

 85, 30.823,
358.499

 25, 30.823,
358.499

 95, 30.823,
358.499

 15, 30.823,
358.499

 5, 30.823, 358.499

 0, 30.823, 358.499

55, 30.823,
358.499

55, 30.823,
358.499

51, 38.871, 0.234

60, 22.632,
357.062

47, 46.481, 2.368

64, 14.521,
355.837

44, 53.282, 5.043

41, 58.926, 8.429

69, 6.621, 354.753

39, 63.228, 12.682

74, 0.995, 174.337

38, 66.480, 17.734

80, 8.294, 173.137

38, 66.931, 18.403

85, 15.274,
172.380

90, 21.943,
171.708

95, 27.854,
171.670

■ 95, 25.100,
184.100

Harmonies

Complementary

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



55, 30.823, 358.499



69, 27.821, 170.081

Rectangle

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



55, 30.823, 358.499



55, 30.823, 48.499



55, 30.823, 178.499



55, 30.823, 228.499

Sweetspot

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



55, 30.821, 358.501



85, 11.395, 355.127



54, 43.367, 316.314



44, 7.570, 355.263



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



55, 30.821, 358.501



66, 45.371, 359.878



57, 26.383, 36.284



35, 4.283, 354.821



32, 58.917, 17.586



2, 9.802, 359.245

Inverse Universe

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



55, 30.821, 358.501



66, 45.371, 359.878



66, 19.937, 217.027



35, 4.283, 354.821



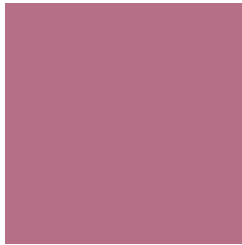
32, 58.917, 17.586



2, 9.802, 359.245

Previews

White Background



This preview shows how the CIELCh color 55, 30.823, 358.499 looks on a white background.

Color Contrast Check

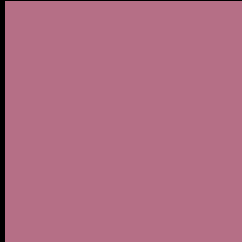
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 30.823, 358.499 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, 30.823, 358.499

Background



This preview shows how black text looks on a background with the CIELCh color 55, 30.823, 358.499.



This preview shows how white text looks on a background with the CIELCh color 55, 30.823, 358.499.

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
55, 30.823, 358.499

Protanopia
55, 8.622, 288.718

Deuteranopia
55, 7.052, 6.071



Tritanopia
55, 28.345, 12.648

Trichromacy



Original Color
55, 30.823, 358.499

Protanomaly
55, 14.254, 334.585

Deuteranomaly
55, 15.620, 359.836

Tritanomaly
55, 28.989, 7.306

Monochromacy



Original Color
55, 30.823, 358.499

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 11.607, 354.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 30.823, 358.499 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(181, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(181, 111, 134)  
}
```

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(181, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 111, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 30.823, 358.499 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(181, 111, 134) }
```

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

```
.border{ border-color:rgb(181, 111, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 111, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(181, 111,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 30.823, 358.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 111, 134) }
```

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

```
.background{ background-color: rgb(181,  
111, 134) }
```

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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