

Converting Colors

CIELCh(55, 38.474, 359.431)

Have a look what the booklet for
CIELCh(55, 38.474, 359.431)
contains.

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Color

CIELCh(55, 38.568, 358.860)

Conversions

Conversions Part 1

Format	Color
Hex	C06886
RGB	192, 104, 134
RGB Percent	75%, 41%, 53%
CMY	0.2459, 0.5911, 0.4734
CMYK	0.00, 0.46, 0.30, 0.25
HSL	340°, 41%, 58%
HSV	340°, 46%, 75%
XYZ	31.1139, 22.9298, 25.4391
YIQ	133.7320, 42.8180, 27.9860

Conversions

Conversions Part 2

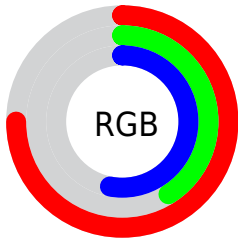
Format	Color
R_{YB}	192, 104, 134
Decimal	12609670
CIE Lab	55.00, 38.56, -0.77
CIE LCh	55, 38.568, 358.860
Yxy	22.9298, 0.3915, 0.2885
Android (android.graphics.Color)	4290799750 (0xFFC06886)
YUV	133.7320, 0.1321, 51.1010
Hunter-Lab	47.8851, 32.1835, 2.0215

Details

The CIELCh color **55, 38.568, 358.860** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 34.365, 168.345**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 38.441, 358.807**, and **35, 38.776, 358.382** is the 20% darker color. If you saturate the color by 10%, you get **51, 46.704, 0.853**, and if you desaturate by 10%, it is **60, 30.035, 357.233**.

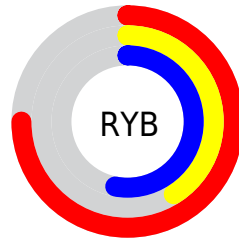
Distribution



Red (75%)

Green (41%)

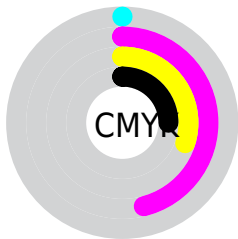
Blue (53%)



Red (75%)

Yellow (41%)

Blue (53%)

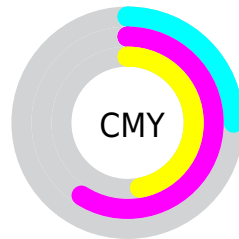


Cyan (0%)

Magenta (46%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (59%)


Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 38.568, 358.860 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, 38.568, 358.860 by changing the saturation by 10% instead.


 55, 38.568,
358.860


 55, 38.568,
358.860


 100, 38.568,
358.860

 45, 38.568,
358.860


 75, 38.568,
358.860

 35, 38.568,
358.860

 85, 38.568,
358.860

 25, 38.568,
358.860

 95, 38.568,
358.860

 15, 38.568,
358.860

 5, 38.568, 358.860

 0, 38.568, 358.860

■ 55, 38.568,
358.860

■ 55, 38.568,
358.860

■ 51, 46.704, 0.853

■ 60, 30.035,
357.233

■ 47, 54.068, 3.338

■ 64, 21.414,
355.869

■ 44, 60.265, 6.481

■ 42, 65.028, 10.454

■ 70, 12.908,
354.697

■ 41, 68.416, 15.350

■ 75, 4.641, 353.629


■ 41, 69.750, 17.520

■ 80, 3.319, 172.975

■ 85, 10.948,
172.089

■ 91, 18.245,
171.359

■ 95, 23.569,
173.016

 96, 21.049,
188.752

Harmonies

Complementary

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



55, 38.568, 358.860



72, 34.365, 168.345

Rectangle

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



55, 38.568, 358.860



55, 38.568, 48.860



55, 38.568, 178.860



55, 38.568, 228.860

Sweetspot

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



55, 38.565, 358.862



89, 14.134, 354.528



53, 53.812, 316.085



46, 9.792, 354.766



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



55, 38.565, 358.862



65, 56.968, 0.875



57, 34.166, 35.295



38, 4.616, 354.014



34, 60.860, 16.696



3, 14.786, 1.389

Inverse Universe

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



55, 38.565, 358.862



65, 56.968, 0.875



69, 24.183, 215.303



38, 4.616, 354.014



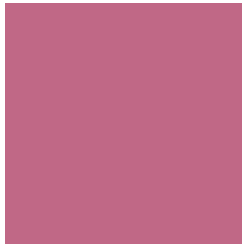
34, 60.860, 16.696



3, 14.786, 1.389

Previews

White Background



This preview shows how the CIELCh color 55, 38.568, 358.860 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, 38.568, 358.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

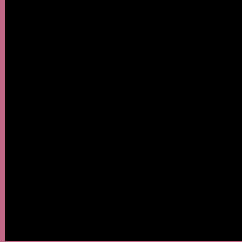
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 38.568, 358.860

Background



This preview shows how black text looks on a background with the CIELCh color 55, 38.568, 358.860.

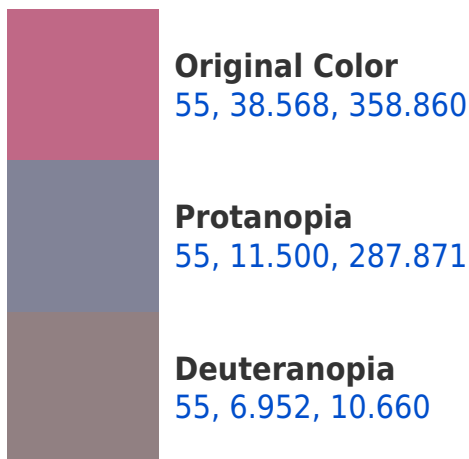


This preview shows how white text looks on a background with the CIELCh color 55, 38.568, 358.860.

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, 35.295, 16.665

Trichromacy



Original Color
55, 38.568, 358.860

Protanomaly
54, 18.322, 332.726

Deuteranomaly
55, 18.873, 358.576

Tritanomaly
55, 35.692, 9.615

Monochromacy



Original Color
55, 38.568, 358.860

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 14.297, 355.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 38.568, 358.860 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(192, 104, 134)` looks like.

```
.text, #text, p{  
    color:rgb(192, 104, 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(192, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 104, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 38.568, 358.860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

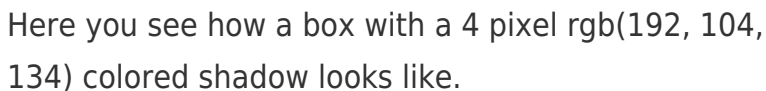
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 104, 134) }
```

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

```
.border{ border-color:rgb(192, 104, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 104, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 104, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 104, 134); box-shadow:4px 4px 4px 4px rgb(192, 104, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 38.568, 358.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 104, 134) }
```

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

```
.background{ background-color: rgb(192,  
104, 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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