

Converting Colors

CIELCh(55, 37.751, 38.883)

Have a look what the booklet for
CIELCh(55, 37.751, 38.883) contains.

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Color

CIELCh(55, 37.906, 39.399)

Conversions

Conversions Part 1

Format	Color
Hex	BE6F5C
RGB	190, 111, 92
RGB Percent	75%, 44%, 36%
CMY	0.2568, 0.5663, 0.6408
CMYK	0.00, 0.42, 0.52, 0.26
HSL	12°, 43%, 55%
HSV	12°, 52%, 74%
XYZ	28.6702, 22.9298, 12.9494
YIQ	132.4550, 53.1830, 10.8390

Conversions

Conversions Part 2

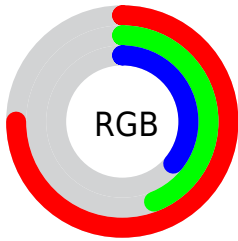
Format	Color
RYB	190, 116, 92
Decimal	12480348
CIELab	55.00, 29.29, 24.06
CIElCh	55, 37.906, 39.399
Yxy	22.9298, 0.4442, 0.3552
Android (android.graphics.Color)	4290670428 (0xFFBE6F5C)
YUV	132.4550, -19.9443, 50.4670
Hunter-Lab	47.8851, 23.0741, 17.4860

Details

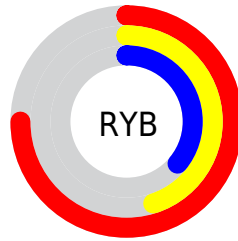
The CIELCh color **55, 37.906, 39.399** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66, 25.616, 222.174**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 37.858, 40.068**, and **35, 37.755, 39.563** is the 20% darker color. If you saturate the color by 10%, you get **51, 46.945, 40.131**, and if you desaturate by 10%, it is **59, 29.373, 38.913**.

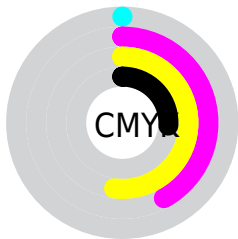
Distribution



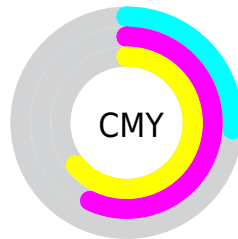
- Red (75%)
- Green (44%)
- Blue (36%)



- Red (75%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (52%)
- Black (26%)



- Cyan (26%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 37.906, 39.399 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, 37.906, 39.399 by changing the saturation by 10% instead.

■ 55, 37.906, 39.399

■ 55, 37.906, 39.399

■ 100, 37.906,
39.399

■ 45, 37.906, 39.399

■ 75, 37.906, 39.399

■ 35, 37.906, 39.399

■ 85, 37.906, 39.399

■ 25, 37.906, 39.399

■ 95, 37.906, 39.399

■ 15, 37.906, 39.399

■ 5, 37.906, 39.399

■ 0, 37.906, 39.399

■ 55, 37.906, 39.399

■ 55, 37.906, 39.399

■ 51, 46.945, 40.131

■ 59, 29.373, 38.913

■ 48, 56.318, 41.084

■ 63, 21.422, 38.633

45, 65.624, 42.136

67, 14.060, 38.521

43, 73.972, 42.900

72, 7.265, 38.525

42, 79.640, 43.274

76, 0.995, 38.214

81, 4.799, 219.070

85, 10.169,
219.290

90, 15.164,
219.591

94, 19.199,
209.016

Harmonies

Complementary

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



55, 37.906, 39.399



66, 25.616, 222.174

Rectangle

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



55, 37.906, 39.399



55, 37.906, 89.399



55, 37.906, 219.399



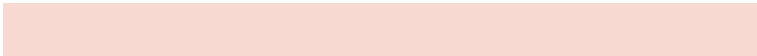
55, 37.906, 269.399

Sweetspot

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



55, 37.904, 39.403



89, 11.768, 38.515



53, 55.682, 333.295



47, 8.166, 38.513



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, 37.904, 39.403



66, 58.868, 40.248



67, 39.064, 85.677



38, 3.484, 38.531



34, 69.250, 43.540



4, 10.841, 32.149

Inverse Universe

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



66, 25.616, 222.174



81, 35.725, 223.946



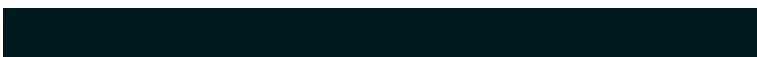
52, 39.379, 281.843



39, 3.288, 219.100



49, 30.625, 233.729



7, 9.516, 227.551

Previews

White Background



This preview shows how the CIELCh color 55, 37.906, 39.399 looks on a white background.

Color Contrast Check

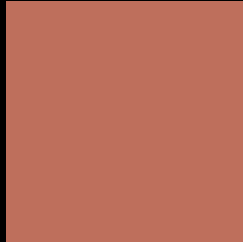
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.906, 39.399 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, 37.906, 39.399

Background



This preview shows how black text looks on a background with the CIELCh color 55, 37.906, 39.399.



This preview shows how white text looks on a background with the CIELCh color 55, 37.906, 39.399.

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, 37.906, 39.399

Protanopia

55, 18.081, 95.585

Deuteranopia

55, 25.852, 73.690



Tritanopia
55, 35.767, 16.851

Trichromacy



Original Color
55, 37.906, 39.399

Protanomaly
55, 21.765, 62.982

Deuteranomaly
55, 28.590, 57.297

Tritanomaly
55, 35.810, 25.542

Monochromacy



Original Color
55, 37.906, 39.399

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 12.899, 38.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 37.906, 39.399 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(190, 111, 92)` looks like.

```
.text, #text, p{  
    color:rgb(190, 111, 92)  
}
```

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(190, 111, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 111, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 37.906, 39.399 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(190, 111, 92) }
```

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

```
.border{ border-color:rgb(190, 111, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 111, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 111, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 111, 92);  
box-shadow:4px 4px 4px 4px rgb(190, 111,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 37.906, 39.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 111, 92) }
```

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

```
.background{ background-color: rgb(190,  
111, 92) }
```

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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