

Converting Colors

CIELCh(55, 37.161, 32.221)

Have a look what the booklet for
CIELCh(55, 37.161, 32.221) contains.

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Color

CIELCh(55, 37.161, 32.221)

Conversions

Conversions Part 1

Format	Color
Hex	BF6D63
RGB	191, 109, 99
RGB Percent	75%, 43%, 39%
CMY	0.2508, 0.5724, 0.6116
CMYK	0.00, 0.43, 0.48, 0.25
HSL	7°, 42%, 57%
HSV	7°, 48%, 75%
XYZ	29.2243, 22.9298, 14.6998
YIQ	132.3780, 52.0820, 14.2740

Conversions

Conversions Part 2

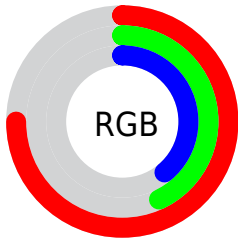
Format	Color
RYB	191, 110, 99
Decimal	12545379
CIELab	55.00, 31.44, 19.81
CIElCh	55, 37.161, 32.221
Yxy	22.9298, 0.4371, 0.3430
Android (android.graphics.Color)	4290735459 (0xFFBF6D63)
YUV	132.3780, -16.4554, 51.4115
Hunter-Lab	47.8851, 25.1396, 15.3186

Details

The CIELCh color **55, 37.161, 32.221** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 25.733, 209.948**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 36.998, 32.365**, and **35, 37.340, 32.249** is the 20% darker color. If you saturate the color by 10%, you get **51, 46.467, 33.576**, and if you desaturate by 10%, it is **59, 28.334, 31.214**.

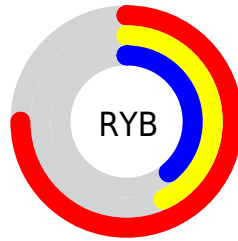
Distribution



Red (75%)

Green (43%)

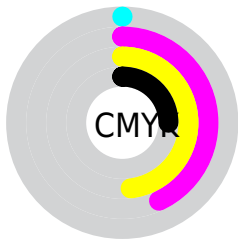
Blue (39%)



Red (75%)

Yellow (43%)

Blue (39%)

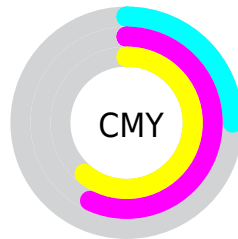


Cyan (0%)

Magenta (43%)

Yellow (48%)

Black (25%)



Cyan (25%)

Magenta (57%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 37.161, 32.221 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, 37.161, 32.221 by changing the saturation by 10% instead.

■ 55, 37.161, 32.221

■ 55, 37.161, 32.221

■ 100, 37.161,
32.221

■ 45, 37.161, 32.221

■ 75, 37.161, 32.221

■ 35, 37.161, 32.221

■ 85, 37.161, 32.221

■ 25, 37.161, 32.221

■ 95, 37.161, 32.221

■ 15, 37.161, 32.221

■ 5, 37.161, 32.221

■ 0, 37.161, 32.221

■ 55, 37.161, 32.221

■ 55, 37.161, 32.221

■ 51, 46.467, 33.576

■ 59, 28.334, 31.214

■ 48, 56.077, 35.302

■ 64, 20.080, 30.481

45, 65.644, 37.346

69, 12.426, 29.961

42, 74.462, 39.402

73, 5.358, 29.572

41, 81.283, 40.907

78, 1.162, 209.931

41, 82.458, 41.289

83, 7.182, 209.437

88, 12.755,
209.370

93, 17.932,
209.377

96, 20.792,
198.138

Harmonies

Complementary

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



55, 37.161, 32.221



69, 25.733, 209.948

Rectangle

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



55, 37.161, 32.221



55, 37.161, 82.221



55, 37.161, 212.221



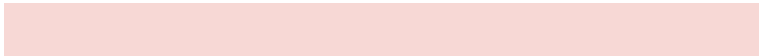
55, 37.161, 262.221

Sweetspot

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



55, 37.159, 32.225



89, 11.626, 29.800



55, 55.680, 330.052



47, 8.165, 29.887



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, 37.159, 32.225



65, 57.297, 33.694



66, 34.672, 79.009



37, 3.702, 29.617



33, 71.223, 41.322



3, 11.390, 26.170

Inverse Universe

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



69, 25.733, 209.948



86, 35.875, 210.568



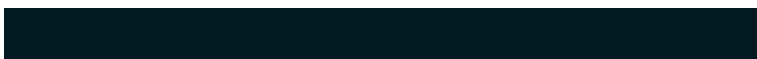
56, 32.878, 274.295



39, 3.487, 209.460



53, 31.058, 215.707



8, 10.134, 212.476

Previews

White Background



This preview shows how the CIELCh color 55, 37.161, 32.221 looks on a white background.

Color Contrast Check

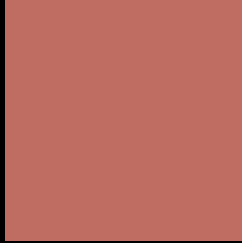
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.161, 32.221 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, 37.161, 32.221

Background



This preview shows how black text looks on a background with the CIELCh color 55, 37.161, 32.221.

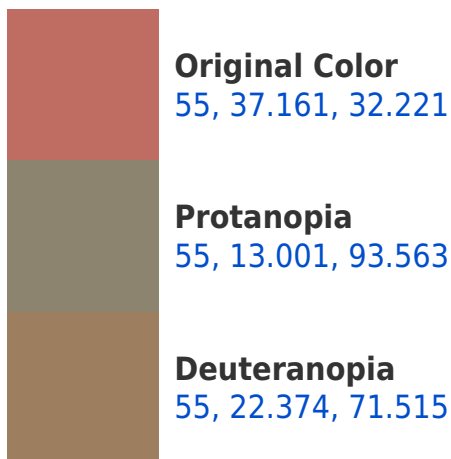


This preview shows how white text looks on a background with the CIELCh color 55, 37.161, 32.221.

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, 36.187, 16.994

Trichromacy



Original Color
55, 37.161, 32.221

Protanomaly
55, 18.574, 53.974

Deuteranomaly
55, 25.936, 51.295

Tritanomaly
55, 36.292, 23.022

Monochromacy



Original Color
55, 37.161, 32.221

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 12.347, 31.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 37.161, 32.221 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(191, 109, 99)` looks like.

```
.text, #text, p{  
    color:rgb(191, 109, 99)  
}
```

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(191, 109, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 109, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 37.161, 32.221 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(191, 109, 99) }
```

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

```
.border{ border-color:rgb(191, 109, 99) }
```

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

Here you see how a box with a 4 pixel rgb(191, 109, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 109, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 109, 99);  
box-shadow:4px 4px 4px 4px rgb(191, 109,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 37.161, 32.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 109, 99) }
```

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

```
.background{ background-color: rgb(191,  
109, 99) }
```

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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