

Converting Colors

CIELCh(55, 48.638, 38.336)

Have a look what the booklet for
CIELCh(55, 48.638, 38.336) contains.

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Color

CIELCh(55, 48.509, 37.816)

Conversions

Conversions Part 1

Format	Color
Hex	CB6652
RGB	203, 102, 82
RGB Percent	80%, 40%, 32%
CMY	0.2024, 0.5987, 0.6773
CMYK	0.00, 0.50, 0.60, 0.20
HSL	10°, 54%, 56%
HSV	10°, 60%, 80%
XYZ	31.0492, 22.9298, 10.8320
YIQ	129.9190, 66.6160, 15.1920

Conversions

Conversions Part 2

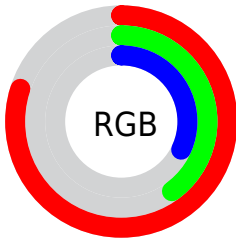
Format	Color
RYB	203, 106, 82
Decimal	13330002
CIELab	55.00, 38.32, 29.74
CIELCh	55, 48.509, 37.816
Yxy	22.9298, 0.4791, 0.3538
Android (android.graphics.Color)	4291520082 (0xFFCB6652)
YUV	129.9190, -23.6241, 64.0920
Hunter-Lab	47.8851, 31.9423, 20.1077

Details

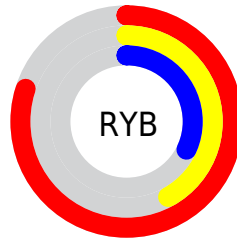
The CIELCh color **55, 48.509, 37.816** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **70, 30.157, 218.974**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 44.768, 38.662**, and **35, 48.778, 37.969** is the 20% darker color. If you saturate the color by 10%, you get **51, 58.496, 39.029**, and if you desaturate by 10%, it is **59, 38.890, 36.890**.

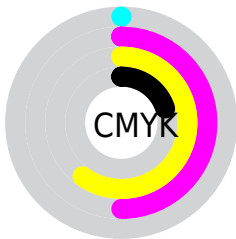
Distribution



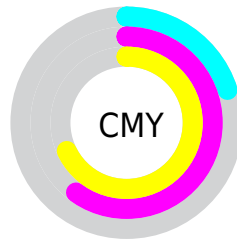
- Red (80%)
- Green (40%)
- Blue (32%)



- Red (80%)
- Yellow (42%)
- Blue (32%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 48.509, 37.816 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, 48.509, 37.816 by changing the saturation by 10% instead.

■ 55, 48.509, 37.816

■ 55, 48.509, 37.816

■ 100, 48.509,
37.816

■ 45, 48.509, 37.816

■ 75, 48.509, 37.816

■ 35, 48.509, 37.816

■ 85, 48.509, 37.816

■ 25, 48.509, 37.816

■ 95, 48.509, 37.816

■ 15, 48.509, 37.816

■ 5, 48.509, 37.816

■ 0, 48.509, 37.816

■ 55, 48.509, 37.816

■ 55, 48.509, 37.816

■ 51, 58.496, 39.029

■ 59, 38.890, 36.890

■ 48, 68.478, 40.424

■ 63, 29.821, 36.233

46, 77.611, 41.661

68, 21.373, 35.807

44, 84.674, 42.337

72, 13.557, 35.564

44, 84.993, 42.396

77, 6.347, 35.436

82, 0.300, 217.408

87, 6.438, 215.754

92, 12.122,
215.888

97, 17.065,
198.374

Harmonies

Complementary

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



55, 48.509, 37.816



70, 30.157, 218.974

Rectangle

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



55, 48.509, 37.816



55, 48.509, 87.816



55, 48.509, 217.816



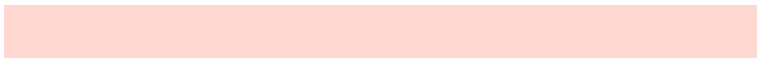
55, 48.509, 267.816

Sweetspot

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



55, 48.507, 37.819



90, 14.929, 35.543



54, 67.849, 332.544



46, 10.503, 35.594



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 48.507, 37.819



63, 72.241, 39.355



69, 46.732, 81.718



40, 3.784, 35.434



36, 72.650, 42.676



5, 16.305, 28.430

Inverse Universe

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



70, 30.157, 218.974



83, 39.689, 220.969



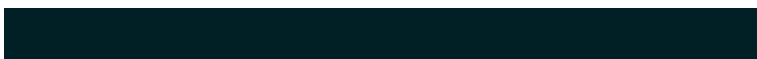
53, 46.202, 281.675



42, 3.565, 215.753



53, 31.537, 227.719



10, 11.822, 220.435

Previews

White Background



This preview shows how the CIELCh color 55, 48.509, 37.816 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, 48.509, 37.816 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, 48.509, 37.816

Background



This preview shows how black text looks on a background with the CIELCh color 55, 48.509, 37.816.



This preview shows how white text looks on a background with the CIELCh color 55, 48.509, 37.816.

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, 48.509, 37.816

Protanopia

55, 22.037, 96.024

Deuteranopia

55, 32.023, 76.625



Tritanopia
55, 45.550, 20.701

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 48.509, 37.816 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(203, 102, 82)` looks like.

```
.text, #text, p{  
    color:rgb(203, 102, 82)  
}
```

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(203, 102, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 102, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 48.509, 37.816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

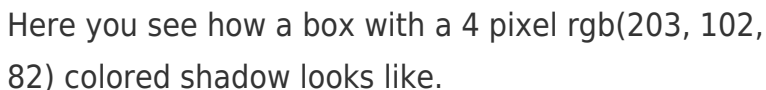
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 102, 82) }
```

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

```
.border{ border-color:rgb(203, 102, 82) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 102, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 102, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 102, 82);  
box-shadow:4px 4px 4px 4px rgb(203, 102,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 48.509, 37.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 102, 82) }
```

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

```
.background{ background-color: rgb(203,  
102, 82) }
```

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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