

Converting Colors

CIELCh(55, 53.575, 56.177)

Have a look what the booklet for
CIELCh(55, 53.575, 56.177) contains.

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Color

CIELCh(55, 53.904, 56.003)

Conversions

Conversions Part 1

Format	Color
Hex	C46D36
RGB	196, 109, 54
RGB Percent	77%, 43%, 21%
CMY	0.2315, 0.5726, 0.7883
CMYK	0.00, 0.44, 0.72, 0.23
HSL	23°, 57%, 49%
HSV	23°, 72%, 77%
XYZ	28.8884, 22.9298, 6.3905
YIQ	128.7430, 69.5070, 1.3390

Conversions

Conversions Part 2

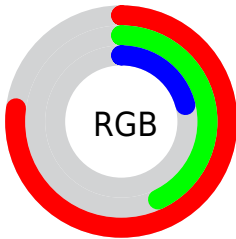
Format	Color
RYB	196, 144, 54
Decimal	12873014
CIELab	55.00, 30.14, 44.69
CIElCh	55, 53.904, 56.003
Yxy	22.9298, 0.4963, 0.3939
Android (android.graphics.Color)	4291063094 (0xFFC46D36)
YUV	128.7430, -36.8483, 58.9844
Hunter-Lab	47.8851, 23.8877, 25.6071

Details

The CIELCh color **55, 53.904, 56.003** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **56, 36.790, 258.050**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 53.304, 56.403**, and **35, 53.992, 56.058** is the 20% darker color. If you saturate the color by 10%, you get **52, 62.263, 55.035**, and if you desaturate by 10%, it is **58, 45.305, 56.806**.

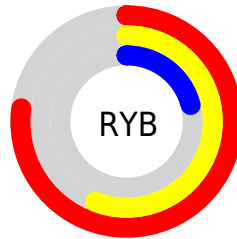
Distribution



Red (77%)

Green (43%)

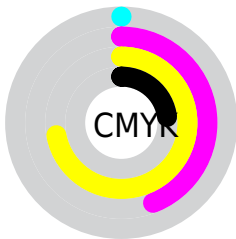
Blue (21%)



Red (77%)

Yellow (56%)

Blue (21%)

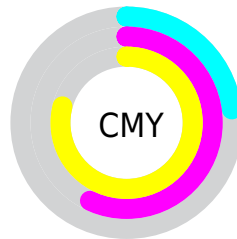


Cyan (0%)

Magenta (44%)

Yellow (72%)

Black (23%)



Cyan (23%)

Magenta (57%)

Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 53.904, 56.003 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, 53.904, 56.003 by changing the saturation by 10% instead.

 55, 53.904, 56.003

 55, 53.904, 56.003

 100, 53.904,
56.003

 45, 53.904, 56.003

 75, 53.904, 56.003

 35, 53.904, 56.003

 85, 53.904, 56.003

 25, 53.904, 56.003

 95, 53.904, 56.003

 15, 53.904, 56.003

 5, 53.904, 56.003

 0, 53.904, 56.003

 55, 53.904, 56.003

 55, 53.904, 56.003

 52, 62.263, 55.035

 58, 45.305, 56.806

 50, 69.510, 53.560

 61, 36.912, 57.585

48, 74.019, 52.158

64, 28.914, 58.402

68, 21.376, 59.267

71, 14.307, 60.173

75, 7.681, 61.096

78, 1.464, 61.820

82, 4.387, 243.203

86, 9.913, 244.119

Harmonies

Complementary

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



55, 53.904, 56.003



56, 36.790, 258.050

Rectangle

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



55, 53.904, 56.003



55, 53.904, 106.003



55, 53.904, 236.003



55, 53.904, 286.003

Sweetspot

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



55, 53.903, 56.006



90, 17.351, 60.183



47, 65.246, 345.410



47, 11.765, 59.930



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, 53.903, 56.006



65, 81.391, 54.255



72, 62.937, 97.238



39, 3.430, 61.375



40, 63.569, 52.730



6, 11.573, 46.497

Inverse Universe

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



56, 36.790, 258.050



66, 52.276, 265.054



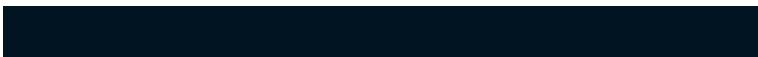
36, 76.435, 298.385



39, 3.300, 243.441



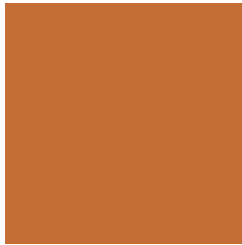
40, 40.337, 269.976



6, 11.373, 257.760

Previews

White Background



This preview shows how the CIELCh color 55, 53.904, 56.003 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, 53.904, 56.003 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, 53.904, 56.003

Background



This preview shows how black text looks on a background with the CIELCh color 55, 53.904, 56.003.



This preview shows how white text looks on a background with the CIELCh color 55, 53.904, 56.003.

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, 53.904, 56.003

Protanopia

55, 39.900, 95.262

Deuteranopia

55, 46.654, 81.390



Tritanopia
55, 41.108, 19.408

Trichromacy



Original Color
55, 53.904, 56.003

Protanomaly
55, 42.248, 78.159

Deuteranomaly
55, 47.862, 71.257

Tritanomaly
55, 43.442, 35.270

Monochromacy



Original Color
55, 53.904, 56.003

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 17.965, 59.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 53.904, 56.003 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(196, 109, 54)` looks like.

```
.text, #text, p{  
    color:rgb(196, 109, 54)  
}
```

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(196, 109, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 109, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 53.904, 56.003 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(196, 109, 54) }
```

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

```
.border{ border-color:rgb(196, 109, 54) }
```

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

Here you see how a box with a 4 pixel rgb(196, 109, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 109, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 109, 54);  
box-shadow:4px 4px 4px 4px rgb(196, 109,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 53.904, 56.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 109, 54) }
```

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

```
.background{ background-color: rgb(196,  
109, 54) }
```

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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