

Converting Colors

CIELCh(56, 54.959, 43.507)

Have a look what the booklet for
CIELCh(56, 54.959, 43.507) contains.

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Color

CIELCh(56, 54.919, 43.692)

Conversions

Conversions Part 1

Format	Color
Hex	D26746
RGB	210, 103, 70
RGB Percent	82%, 40%, 27%
CMY	0.1757, 0.5954, 0.7248
CMYK	0.00, 0.51, 0.67, 0.18
HSL	14°, 61%, 55%
HSV	14°, 67%, 82%
XYZ	32.6164, 23.9124, 8.7178
YIQ	131.2310, 74.3650, 12.4210

Conversions

Conversions Part 2

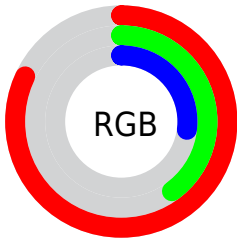
Format	Color
R _Y B	210, 113, 70
Decimal	13788998
CIE Lab	56.00, 39.71, 37.94
CIE LCh	56, 54.919, 43.692
Yxy	23.9124, 0.4999, 0.3665
Android (android.graphics.Color)	4291979078 (0xFFD26746)
YUV	131.2310, -30.1869, 69.0804
Hunter-Lab	48.9003, 33.4836, 23.6602

Details

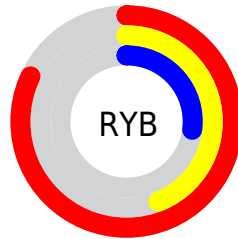
The CIELCh color **56, 54.919, 43.692** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **68, 32.731, 231.743**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 48.283, 46.385**, and **36, 55.051, 43.770** is the 20% darker color. If you saturate the color by 10%, you get **53, 64.981, 44.272**, and if you desaturate by 10%, it is **60, 45.051, 43.232**.

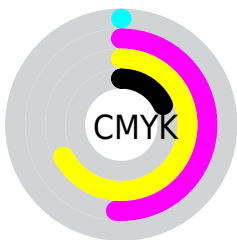
Distribution



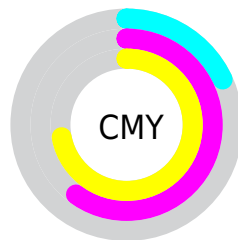
- Red (82%)
- Green (40%)
- Blue (27%)



- Red (82%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (67%)
- Black (18%)



- Cyan (18%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 54.919, 43.692 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 56, 54.919, 43.692 by changing the saturation by 10% instead.

■ 56, 54.919, 43.692

■ 56, 54.919, 43.692

■ 100, 54.919,
43.692

■ 46, 54.919, 43.692

■ 76, 54.919, 43.692

■ 36, 54.919, 43.692

■ 86, 54.919, 43.692

■ 26, 54.919, 43.692

■ 96, 54.919, 43.692

■ 16, 54.919, 43.692

■ 6, 54.919, 43.692

■ 0, 54.919, 43.692

■ 56, 54.919, 43.692

■ 56, 54.919, 43.692

■ 53, 64.981, 44.272

■ 60, 45.051, 43.232

■ 50, 74.573, 44.720

■ 64, 35.675, 42.954

48, 82.345, 44.498

68, 26.904, 42.860

47, 84.684, 44.472

72, 18.767, 42.924

77, 11.247, 43.108

81, 4.303, 43.333

86, 2.117, 224.102

91, 8.068, 224.343

95, 12.954,
215.440

Harmonies

Complementary

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



56, 54.919, 43.692



68, 32.731, 231.743

Rectangle

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



56, 54.919, 43.692



56, 54.919, 93.692



56, 54.919, 223.692



56, 54.919, 273.692

Sweetspot

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



56, 54.917, 43.695



89, 16.064, 43.030



53, 71.653, 336.629



46, 11.088, 42.978



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 54.917, 43.695



62, 80.045, 44.503



72, 56.118, 87.434



42, 3.713, 43.279



38, 71.369, 44.905



6, 17.435, 32.727

Inverse Universe

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



68, 32.731, 231.743



78, 41.861, 235.982



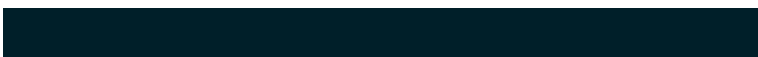
48, 60.469, 289.490



43, 3.510, 224.225



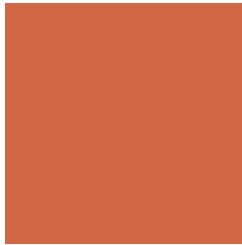
50, 32.979, 242.928



10, 12.250, 233.117

Previews

White Background



This preview shows how the CIELCh color 56, 54.919, 43.692 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 56, 54.919, 43.692 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 56, 54.919, 43.692

Background



This preview shows how black text looks on a background with the CIELCh color 56, 54.919, 43.692.



This preview shows how white text looks on a background with the CIELCh color 56, 54.919, 43.692.

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

56, 54.919, 43.692

Protanopia

56, 30.786, 96.385

Deuteranopia

56, 39.933, 79.373



Tritanopia
56, 48.590, 22.050

Trichromacy



Original Color
56, 54.919, 43.692

Protanomaly
55, 34.668, 68.124

Deuteranomaly
56, 42.937, 62.929

Tritanomaly
56, 49.763, 31.138

Monochromacy



Original Color
56, 54.919, 43.692

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 18.345, 42.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 54.919, 43.692 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(210, 103, 70)` looks like.

```
.text, #text, p{  
    color:rgb(210, 103, 70)  
}
```

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(210, 103, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 103, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 54.919, 43.692 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(210, 103, 70) }
```

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

```
.border{ border-color:rgb(210, 103, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 103, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 103, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 103, 70);  
box-shadow:4px 4px 4px 4px rgb(210, 103,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 54.919, 43.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 103, 70) }
```

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

```
.background{ background-color: rgb(210,  
103, 70) }
```

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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