

Converting Colors

CIELCh(56, 59.339, 39.271)

Have a look what the booklet for
CIELCh(56, 59.339, 39.271) contains.

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Color

CIELCh(56, 59.312, 39.553)

Conversions

Conversions Part 1

Format	Color
Hex	DA6147
RGB	218, 97, 71
RGB Percent	85%, 38%, 28%
CMY	0.1451, 0.6195, 0.7215
CMYK	0.00, 0.55, 0.67, 0.15
HSL	11°, 67%, 57%
HSV	11°, 67%, 85%
XYZ	34.3288, 23.9124, 8.7687
YIQ	130.2150, 80.4620, 17.5660

Conversions

Conversions Part 2

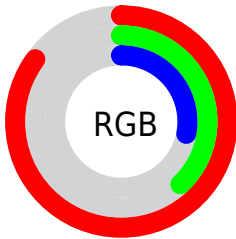
Format	Color
RYB	218, 103, 71
Decimal	14311751
CIELab	56.00, 45.73, 37.77
CIElCh	56, 59.312, 39.553
Yxy	23.9124, 0.5123, 0.3568
Android (android.graphics.Color)	4292501831 (0xFFDA6147)
YUV	130.2150, -29.1930, 76.9874
Hunter-Lab	48.9003, 39.7342, 23.5984

Details

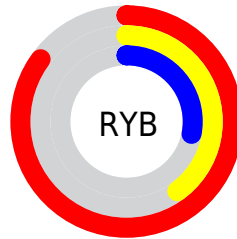
The CIELCh color **56, 59.312, 39.553** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **72, 34.082, 222.100**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 48.851, 42.587**, and **36, 59.194, 39.437** is the 20% darker color. If you saturate the color by 10%, you get **53, 69.891, 40.805**, and if you desaturate by 10%, it is **60, 48.837, 38.504**.

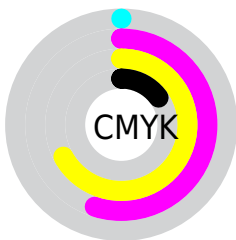
Distribution



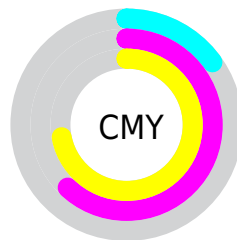
- Red (85%)
- Green (38%)
- Blue (28%)



- Red (85%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 59.312, 39.553 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, 59.312, 39.553 by changing the saturation by 10% instead.

56, 59.312, 39.553

56, 59.312, 39.553

100, 59.312,
39.553

46, 59.312, 39.553

76, 59.312, 39.553

36, 59.312, 39.553

86, 59.312, 39.553

26, 59.312, 39.553

96, 59.312, 39.553

16, 59.312, 39.553

6, 59.312, 39.553

0, 59.312, 39.553

56, 59.312, 39.553

56, 59.312, 39.553

53, 69.891, 40.805

60, 48.837, 38.504

50, 79.806, 41.967

64, 38.819, 37.720

48, 87.534, 42.424

69, 29.411, 37.190

47, 89.281, 42.596

73, 20.670, 36.874

78, 12.594, 36.723

83, 5.149, 36.657

88, 1.715, 217.214

94, 8.056, 217.123

97, 12.447,
198.674

Harmonies

Complementary

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



56, 59.312, 39.553



72, 34.082, 222.100

Rectangle

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



56, 59.312, 39.553



56, 59.312, 89.553



56, 59.312, 219.553



56, 59.312, 269.553

Sweetspot

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



56, 59.310, 39.556



89, 16.601, 36.751



55, 77.732, 333.758



46, 11.462, 36.790



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, 59.310, 39.556



60, 83.628, 41.343



72, 56.298, 81.878



43, 3.987, 36.672



38, 74.901, 42.937



7, 21.232, 29.899

Inverse Universe

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



72, 34.082, 222.100



81, 41.713, 225.263



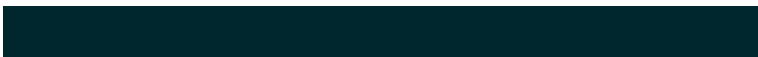
52, 57.223, 285.468



45, 3.756, 217.093



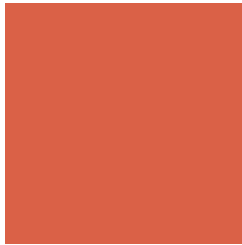
55, 32.643, 230.340



13, 13.121, 223.754

Previews

White Background



This preview shows how the CIELCh color 56, 59.312, 39.553 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, 59.312, 39.553 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, 59.312, 39.553

Background



This preview shows how black text looks on a background with the CIELCh color 56, 59.312, 39.553.



This preview shows how white text looks on a background with the CIELCh color 56, 59.312, 39.553.

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, 59.312, 39.553

Protanopia

56, 29.185, 96.078

Deuteranopia

56, 39.933, 79.373



Tritanopia
56, 54.386, 23.536

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 59.312, 39.553 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(218, 97, 71)` looks like.

```
.text, #text, p{  
    color:rgb(218, 97, 71)  
}
```

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(218, 97, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 97, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 59.312, 39.553 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(218, 97, 71) }
```

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

```
.border{ border-color:rgb(218, 97, 71) }
```

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

Here you see how a box with a 4 pixel rgb(218, 97, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 97, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 97, 71);  
box-shadow:4px 4px 4px 4px rgb(218, 97,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 59.312, 39.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 97, 71) }
```

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

```
.background{ background-color: rgb(218, 97,  
71) }
```

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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