

Converting Colors

CIELCh(56, 60.059, 52.619)

Have a look what the booklet for
CIELCh(56, 60.059, 52.619) contains.

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Color

CIELCh(56, 60.077, 52.658)

Conversions

Conversions Part 1

Format	Color
Hex	D06A33
RGB	208, 106, 51
RGB Percent	82%, 42%, 20%
CMY	0.1849, 0.5847, 0.8004
CMYK	0.00, 0.49, 0.76, 0.18
HSL	21°, 62%, 51%
HSV	21°, 76%, 82%
XYZ	31.7112, 23.9124, 6.0635
YIQ	130.2280, 78.4470, 4.5190

Conversions

Conversions Part 2

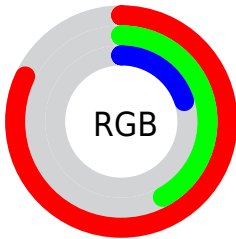
Format	Color
R_{YB}	208, 136, 51
Decimal	13658675
CIE Lab	56.00, 36.44, 47.76
CIE LCh	56, 60.077, 52.658
Yxy	23.9124, 0.5141, 0.3876
Android (android.graphics.Color)	4291848755 (0xFFD06A33)
YUV	130.2280, -39.0594, 68.2060
Hunter-Lab	48.9003, 30.1792, 26.8784

Details

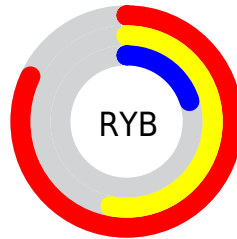
The CIELCh color **56, 60.077, 52.658** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **60, 37.975, 253.795**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 54.186, 55.877**, and **36, 59.622, 52.612** is the 20% darker color. If you saturate the color by 10%, you get **53, 68.921, 51.893**, and if you desaturate by 10%, it is **59, 50.800, 53.202**.

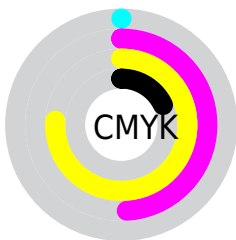
Distribution



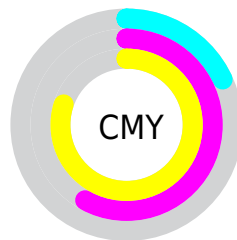
- Red (82%)
- Green (42%)
- Blue (20%)



- Red (82%)
- Yellow (53%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (76%)
- Black (18%)



- Cyan (18%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 60.077, 52.658 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, 60.077, 52.658 by changing the saturation by 10% instead.

56, 60.077, 52.658

56, 60.077, 52.658

100, 60.077,
52.658

46, 60.077, 52.658

76, 60.077, 52.658

36, 60.077, 52.658

86, 60.077, 52.658

26, 60.077, 52.658

96, 60.077, 52.658

16, 60.077, 52.658

6, 60.077, 52.658

0, 60.077, 52.658

56, 60.077, 52.658

56, 60.077, 52.658

53, 68.921, 51.893

59, 50.800, 53.202

51, 76.200, 50.463

62, 41.690, 53.723

50, 79.068, 49.785

66, 33.004, 54.302

70, 24.840, 54.959

73, 17.213, 55.685

77, 10.102, 56.459

81, 3.467, 57.201

85, 2.737, 238.382

89, 8.558, 239.133

Harmonies

Complementary

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



56, 60.077, 52.658



60, 37.975, 253.795

Rectangle

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



56, 60.077, 52.658



56, 60.077, 102.658



56, 60.077, 232.658



56, 60.077, 282.658

Sweetspot

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



56, 60.075, 52.661



89, 18.167, 55.856



50, 71.294, 343.919



46, 12.740, 55.579



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, 60.075, 52.661



63, 86.288, 51.066



75, 66.374, 94.725



42, 3.633, 56.931



40, 67.215, 50.333



7, 16.428, 41.659

Inverse Universe

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



60, 37.975, 253.795



68, 50.746, 261.357



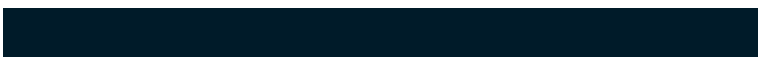
38, 80.597, 297.956



42, 3.477, 238.791



44, 38.990, 264.515



8, 13.301, 252.686

Previews

White Background



This preview shows how the CIELCh color 56, 60.077, 52.658 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, 60.077, 52.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

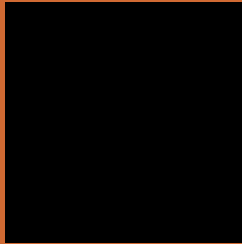
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 60.077, 52.658

Background



This preview shows how black text looks on a background with the CIELCh color 56, 60.077, 52.658.



This preview shows how white text looks on a background with the CIELCh color 56, 60.077, 52.658.

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, 60.077, 52.658

Protanopia

56, 42.244, 95.616

Deuteranopia

56, 49.566, 81.352



Tritanopia
56, 47.572, 21.152

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 60.077, 52.658 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(208, 106, 51)` looks like.

```
.text, #text, p{  
    color:rgb(208, 106, 51)  
}
```

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(208, 106, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 106, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 60.077, 52.658 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(208, 106, 51) }
```

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

```
.border{ border-color:rgb(208, 106, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 106, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 106, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 106, 51);  
box-shadow:4px 4px 4px 4px rgb(208, 106,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 60.077, 52.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 106, 51) }
```

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

```
.background{ background-color: rgb(208,  
106, 51) }
```

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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