

Converting Colors

CIELCh(56, 36.742, 34.688)

Have a look what the booklet for
CIELCh(56, 36.742, 34.688) contains.

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Color

CIELCh(56, 36.673, 34.666)

Conversions

Conversions Part 1

Format	Color
Hex	C17164
RGB	193, 113, 100
RGB Percent	76%, 44%, 39%
CMY	0.2449, 0.5584, 0.6093
CMYK	0.00, 0.42, 0.48, 0.24
HSL	8°, 43%, 57%
HSV	8°, 48%, 76%
XYZ	30.0199, 23.9124, 14.9935
YIQ	135.4380, 51.8530, 12.9170

Conversions

Conversions Part 2

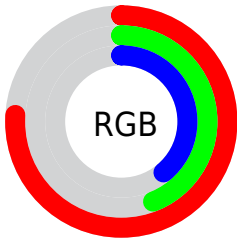
Format	Color
RYB	193, 115, 100
Decimal	12677476
CIELab	56.00, 30.16, 20.86
CIElCh	56, 36.673, 34.666
Yxy	23.9124, 0.4355, 0.3469
Android (android.graphics.Color)	4290867556 (0xFFC17164)
YUV	135.4380, -17.4709, 50.4819
Hunter-Lab	48.9003, 24.0055, 16.0512

Details

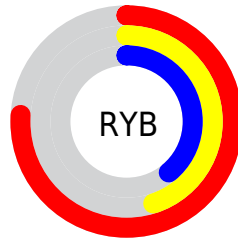
The CIELCh color **56, 36.673, 34.666** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 25.359, 214.088**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.558, 34.799**, and **36, 36.809, 34.563** is the 20% darker color. If you saturate the color by 10%, you get **52, 45.914, 35.769**, and if you desaturate by 10%, it is **60, 27.946, 33.870**.

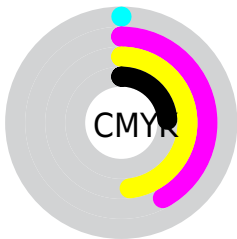
Distribution



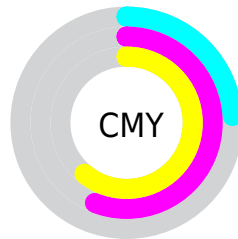
- Red (76%)
- Green (44%)
- Blue (39%)



- Red (76%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (24%)



- Cyan (24%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 36.673, 34.666 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, 36.673, 34.666 by changing the saturation by 10% instead.

■ 56, 36.673, 34.666

■ 56, 36.673, 34.666

■ 100, 36.673,
34.666

■ 46, 36.673, 34.666

■ 76, 36.673, 34.666

■ 36, 36.673, 34.666

■ 86, 36.673, 34.666

■ 26, 36.673, 34.666

■ 96, 36.673, 34.666

■ 16, 36.673, 34.666

■ 6, 36.673, 34.666

■ 0, 36.673, 34.666

■ 56, 36.673, 34.666

■ 56, 36.673, 34.666

■ 52, 45.914, 35.769

■ 60, 27.946, 33.870

■ 49, 55.512, 37.191

■ 65, 19.811, 33.318

46, 65.132, 38.868

69, 12.280, 32.957

43, 74.060, 40.505

74, 5.330, 32.711

42, 81.061, 41.588

79, 1.078, 213.239

41, 82.213, 41.875

84, 6.996, 212.832

88, 12.476,
212.879

93, 17.570,
212.994

96, 20.346,
198.166

Harmonies

Complementary

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



56, 36.673, 34.666



69, 25.359, 214.088

Rectangle

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



56, 36.673, 34.666



56, 36.673, 84.666



56, 36.673, 214.666



56, 36.673, 264.666

Sweetspot

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



56, 36.671, 34.670



90, 11.440, 32.851



56, 54.895, 331.213



47, 7.968, 32.906



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



56, 36.671, 34.670



67, 56.612, 35.853



67, 35.687, 81.955



38, 3.693, 32.738



34, 71.499, 42.021



4, 12.826, 27.778

Inverse Universe

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



69, 25.359, 214.088



85, 35.394, 215.021



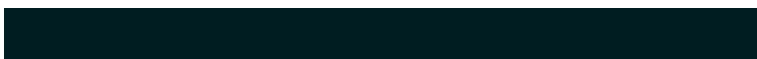
56, 34.693, 277.156



40, 3.479, 212.836



53, 30.942, 222.147



9, 10.767, 216.377

Previews

White Background



This preview shows how the CIELCh color 56, 36.673, 34.666 looks on a white background.

Color Contrast Check

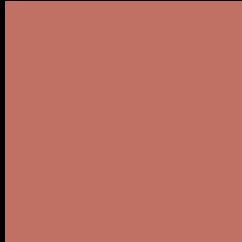
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 36.673, 34.666 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, 36.673, 34.666

Background



This preview shows how black text looks on a background with the CIELCh color 56, 36.673, 34.666.

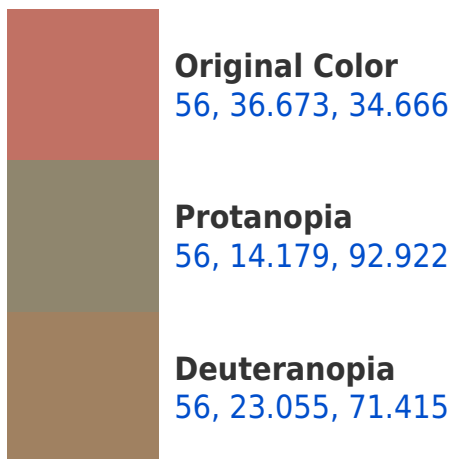


This preview shows how white text looks on a background with the CIELCh color 56, 36.673, 34.666.

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





Tritanopia
56, 35.612, 16.731

Trichromacy



Original Color
56, 36.673, 34.666

Protanomaly
56, 19.249, 56.552

Deuteranomaly
56, 26.507, 53.183

Tritanomaly
56, 35.370, 23.676

Monochromacy



Original Color
56, 36.673, 34.666

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 12.442, 33.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 36.673, 34.666 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(193, 113, 100)` looks like.

```
.text, #text, p{  
    color:rgb(193, 113, 100)  
}
```

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(193, 113, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 113, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 36.673, 34.666 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(193, 113, 100) }
```

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

```
.border{ border-color:rgb(193, 113, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 113, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 113, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 113, 100);  
box-shadow:4px 4px 4px 4px rgb(193, 113,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 36.673, 34.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 113, 100) }
```

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

```
.background{ background-color: rgb(193,  
113, 100) }
```

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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