

Converting Colors

CIELCh(56, 36.750, 26.267)

Have a look what the booklet for
CIELCh(56, 36.750, 26.267) contains.

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Color

CIELCh(56, 36.644, 26.348)

Conversions

Conversions Part 1

Format	Color
Hex	C36F6C
RGB	195, 111, 108
RGB Percent	76%, 44%, 42%
CMY	0.2369, 0.5661, 0.5778
CMYK	0.00, 0.43, 0.45, 0.24
HSL	2°, 42%, 59%
HSV	2°, 45%, 76%
XYZ	30.7328, 23.9124, 17.0855
YIQ	135.7740, 51.0270, 16.8750

Conversions

Conversions Part 2

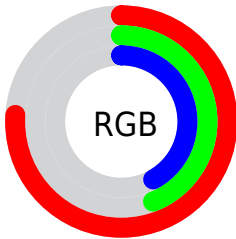
Format	Color
R _Y B	195, 111, 108
Decimal	12808044
CIE Lab	56.00, 32.84, 16.26
CIE LCh	56, 36.644, 26.348
Yxy	23.9124, 0.4284, 0.3334
Android (android.graphics.Color)	4290998124 (0xFFC36F6C)
YUV	135.7740, -13.6926, 51.9412
Hunter-Lab	48.9003, 26.6078, 13.5147

Details

The CIELCh color **56, 36.644, 26.348** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **73, 26.420, 200.990**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.623, 26.748**, and **36, 36.555, 26.015** is the 20% darker color. If you saturate the color by 10%, you get **52, 46.262, 28.144**, and if you desaturate by 10%, it is **61, 27.444, 24.981**.

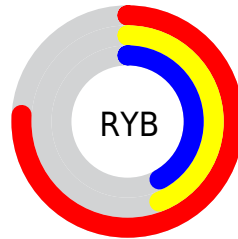
Distribution



Red (76%)

Green (44%)

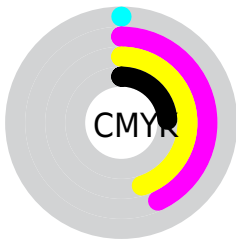
Blue (42%)



Red (76%)

Yellow (44%)

Blue (42%)

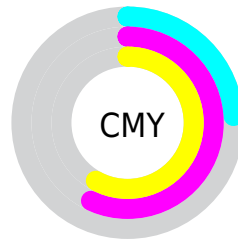


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 36.644, 26.348 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, 36.644, 26.348 by changing the saturation by 10% instead.

 56, 36.644, 26.348

 56, 36.644, 26.348

 100, 36.644,
26.348

 46, 36.644, 26.348

 76, 36.644, 26.348

 36, 36.644, 26.348

 86, 36.644, 26.348

 26, 36.644, 26.348

 96, 36.644, 26.348

 16, 36.644, 26.348

 6, 36.644, 26.348

 0, 36.644, 26.348

 56, 36.644, 26.348

 56, 36.644, 26.348

 52, 46.262, 28.144

 61, 27.444, 24.981

 48, 56.087, 30.439

 66, 18.793, 23.940

45, 65.784, 33.246

71, 10.742, 23.140

43, 74.790, 36.346

76, 3.290, 22.438

41, 81.901, 39.009

82, 3.595, 202.310

41, 84.854, 40.339

87, 9.961, 201.878

92, 15.862,
201.603

96, 19.737,
198.204

Harmonies

Complementary

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



56, 36.644, 26.348



73, 26.420, 200.990

Rectangle

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



56, 36.644, 26.348



56, 36.644, 76.348



56, 36.644, 206.348



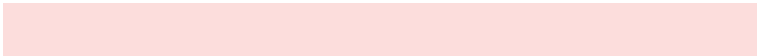
56, 36.644, 256.348

Sweetspot

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



56, 36.642, 26.352



91, 11.684, 23.036



58, 55.179, 327.756



47, 8.317, 23.195



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, 36.642, 26.352



66, 56.467, 28.178



66, 31.402, 73.182



38, 4.048, 22.777



33, 73.256, 40.194



3, 13.685, 21.331

Inverse Universe

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



73, 26.420, 200.990



91, 37.288, 200.898



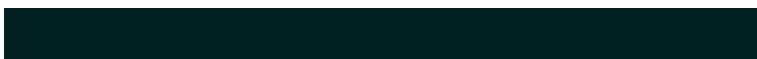
60, 28.393, 267.006



40, 3.814, 202.062



58, 33.854, 201.900



10, 11.969, 200.612

Previews

White Background



This preview shows how the CIELCh color 56, 36.644, 26.348 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, 36.644, 26.348 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, 36.644, 26.348

Background



This preview shows how black text looks on a background with the CIELCh color 56, 36.644, 26.348.

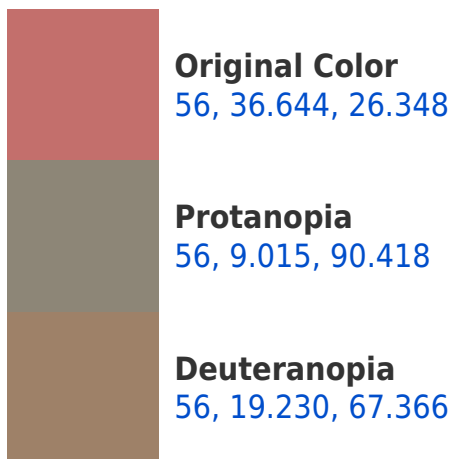


This preview shows how white text looks on a background with the CIELCh color 56, 36.644, 26.348.

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, 36.502, 17.054

Trichromacy



Original Color
56, 36.644, 26.348

Protanomaly
56, 15.875, 43.832

Deuteranomaly
56, 23.866, 45.051

Tritanomaly
56, 36.303, 20.407

Monochromacy



Original Color
56, 36.644, 26.348

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 12.833, 23.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 36.644, 26.348 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(195, 111, 108)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 108)  
}
```

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(195, 111, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 36.644, 26.348 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(195, 111, 108) }
```

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

```
.border{ border-color:rgb(195, 111, 108) }
```

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

Here you see how a box with a 4 pixel rgb(195, 111, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 108);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 36.644, 26.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 108) }
```

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

```
.background{ background-color: rgb(195,  
111, 108) }
```

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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