

Converting Colors

CIELCh(57, 36.298, 6.758)

Have a look what the booklet for
CIELCh(57, 36.298, 6.758) contains.

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Color

CIELCh(57, 36.496, 6.395)

Conversions

Conversions Part 1

Format	Color
Hex	C56F83
RGB	197, 111, 131
RGB Percent	77%, 44%, 51%
CMY	0.2270, 0.5642, 0.4858
CMYK	0.00, 0.44, 0.33, 0.23
HSL	346°, 43%, 60%
HSV	346°, 44%, 77%
XYZ	32.8600, 24.9227, 24.5912
YIQ	138.9940, 44.8360, 24.4520

Conversions

Conversions Part 2

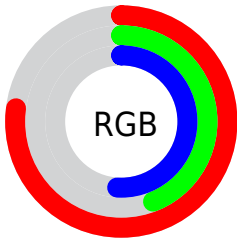
Format	Color
RYB	197, 111, 131
Decimal	12939139
CIELab	57.00, 36.27, 4.07
CIElCh	57, 36.496, 6.395
Yxy	24.9227, 0.3989, 0.3026
Android (android.graphics.Color)	4291129219 (0xFFC56F83)
YUV	138.9940, -3.9410, 50.8713
Hunter-Lab	49.9226, 30.1276, 5.7403

Details

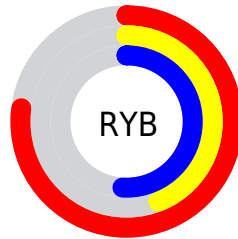
The CIELCh color **57, 36.496, 6.395** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **74, 30.865, 176.432**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 36.352, 6.047**, and **37, 36.866, 6.096** is the 20% darker color. If you saturate the color by 10%, you get **53, 45.105, 8.515**, and if you desaturate by 10%, it is **62, 27.756, 4.689**.

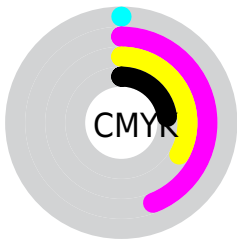
Distribution



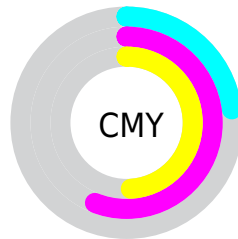
- Red (77%)
- Green (44%)
- Blue (51%)



- Red (77%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (23%)



- Cyan (23%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 36.496, 6.395 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 57, 36.496, 6.395 by changing the saturation by 10% instead.

 57, 36.496, 6.395  57, 36.496, 6.395

 100, 36.496, 6.395  47, 36.496, 6.395

 77, 36.496, 6.395  37, 36.496, 6.395


 87, 36.496, 6.395  27, 36.496, 6.395

 97, 36.496, 6.395  17, 36.496, 6.395

 7, 36.496, 6.395

 0, 36.496, 6.395

 57, 36.496, 6.395  57, 36.496, 6.395

 53, 45.105, 8.515  62, 27.756, 4.689

 49, 53.263, 11.182  67, 19.138, 3.282

 46, 60.613, 14.555

 72, 10.794, 2.091


 43, 66.897, 18.770

 78, 2.807, 0.962


 42, 72.098, 23.826


 83, 4.788, 180.377

 41, 75.151, 27.192

 89, 11.992,
179.555

 94, 18.822,
178.865

 96, 19.173,
193.840

 96, 18.974,
198.252

Harmonies

Complementary

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



57, 36.496, 6.395



74, 30.865, 176.432

Rectangle

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



57, 36.496, 6.395



57, 36.496, 56.395



57, 36.496, 186.395



57, 36.496, 236.395

Sweetspot

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



57, 36.493, 6.397



91, 12.674, 2.043



57, 53.307, 319.657



47, 8.915, 2.294



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 36.493, 6.397



68, 53.893, 8.320



62, 30.835, 45.906



39, 4.478, 1.627



34, 64.906, 26.338



4, 16.278, 7.541

Inverse Universe

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



57, 36.493, 6.397



68, 53.893, 8.320



68, 22.942, 231.806



39, 4.478, 1.627



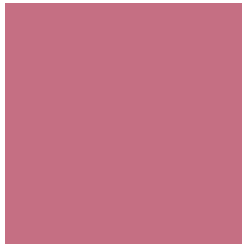
34, 64.906, 26.338



4, 16.278, 7.541

Previews

White Background



This preview shows how the CIELCh color 57, 36.496, 6.395 looks on a white background.

Color Contrast Check

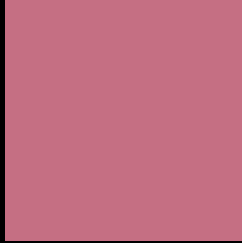
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 36.496, 6.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

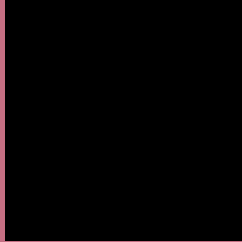
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 36.496, 6.395

Background



This preview shows how black text looks on a background with the CIELCh color 57, 36.496, 6.395.

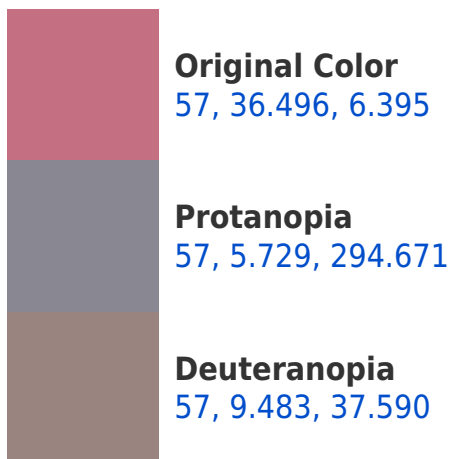


This preview shows how white text looks on a background with the CIELCh color 57, 36.496, 6.395.

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
57, 35.041, 16.472

Trichromacy



Original Color
57, 36.496, 6.395

Protanomaly
57, 14.968, 348.986

Deuteranomaly
57, 19.109, 14.795

Tritanomaly
57, 35.410, 12.129

Monochromacy



Original Color
57, 36.496, 6.395

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 13.079, 3.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 36.496, 6.395 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(197, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(197, 111, 131)  
}
```

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(197, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 111, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 36.496, 6.395 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(197, 111, 131) }
```

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

```
.border{ border-color:rgb(197, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(197, 111,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 36.496, 6.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 111, 131) }
```

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

```
.background{ background-color: rgb(197,  
111, 131) }
```

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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