

Converting Colors

CIELCh(57, 30.906, 342.063)

Have a look what the booklet for
CIELCh(57, 30.906, 342.063)
contains.

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Color

CIELCh(57, 30.879, 341.954)

Conversions

Conversions Part 1

Format	Color
Hex	B3769A
RGB	179, 118, 154
RGB Percent	70%, 46%, 60%
CMY	0.2975, 0.5368, 0.3956
CMYK	0.00, 0.34, 0.14, 0.30
HSL	325°, 29%, 58%
HSV	325°, 34%, 70%
XYZ	30.9572, 24.9227, 33.8060
YIQ	140.3430, 24.8000, 24.1280

Conversions

Conversions Part 2

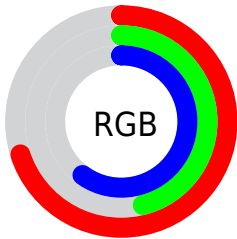
Format	Color
R_{YB}	179, 118, 154
Decimal	11761306
CIE _{Lab}	57.00, 29.36, -9.57
CIE _{LCh}	57, 30.879, 341.954
Yxy	24.9227, 0.3452, 0.2779
Android (android.graphics.Color)	4289951386 (0xFFB3769A)
YUV	140.3430, 6.7329, 33.9022
Hunter-Lab	49.9226, 23.3238, -5.2034

Details

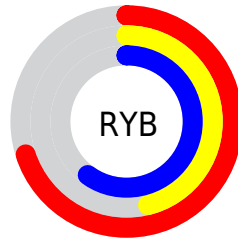
The CIELCh color **57, 30.879, 341.954** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 30.129, 156.077**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 30.825, 342.440**, and **37, 31.061, 341.771** is the 20% darker color. If you saturate the color by 10%, you get **53, 39.682, 343.007**, and if you desaturate by 10%, it is **61, 21.787, 341.013**.

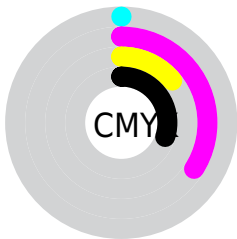
Distribution



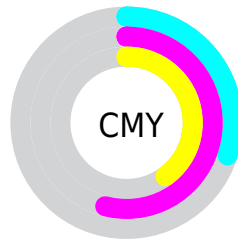
- Red (70%)
- Green (46%)
- Blue (60%)



- Red (70%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (30%)





- Cyan (30%)
- Magenta (54%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 30.879, 341.954 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, 30.879, 341.954 by changing the saturation by 10% instead.


 57, 30.879,
341.954


 57, 30.879,
341.954


 100, 30.879,
341.954


 47, 30.879,
341.954


 77, 30.879,
341.954

 37, 30.879,
341.954

 87, 30.879,
341.954

 27, 30.879,
341.954

 97, 30.879,
341.954

 17, 30.879,
341.954

 7, 30.879, 341.954

 0, 30.879, 341.954

57, 30.879,
341.954

57, 30.879,
341.954

53, 39.682,
343.007

61, 21.787,
341.013

49, 47.874,
344.206

66, 12.649,
340.150

46, 55.036,
345.608

71, 3.617, 339.303

76, 5.216, 158.744

43, 60.714,
347.291

81, 13.799,
158.035

41, 64.520,
349.364


86, 22.109,
157.404

40, 66.298,
351.951

91, 30.144,
156.820

39, 66.785,
353.675

94, 34.202,
158.091

 94, 31.692,
163.087

Harmonies

Complementary

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



57, 30.879, 341.954



68, 30.129, 156.077

Rectangle

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



57, 30.879, 341.954



57, 30.879, 31.954



57, 30.879, 161.954



57, 30.879, 211.954

Sweetspot

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



57, 30.877, 341.955



86, 11.068, 339.829



54, 36.306, 307.441



45, 7.622, 339.944



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 30.877, 341.955



69, 45.686, 342.746



56, 25.623, 14.774



35, 5.060, 339.759



33, 59.581, 353.240



2, 11.225, 344.822

Inverse Universe

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



57, 30.877, 341.955



69, 45.686, 342.746



69, 21.237, 188.539



35, 5.060, 339.759



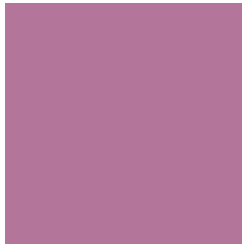
33, 59.581, 353.240



2, 11.225, 344.822

Previews

White Background



This preview shows how the CIELCh color 57, 30.879, 341.954 looks on a white background.

Color Contrast Check

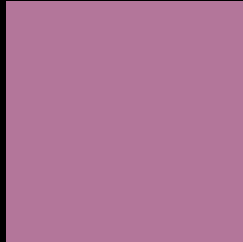
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 30.879, 341.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

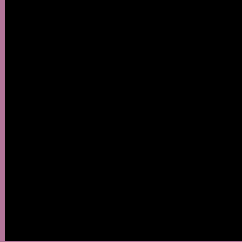
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.879, 341.954

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.879, 341.954.

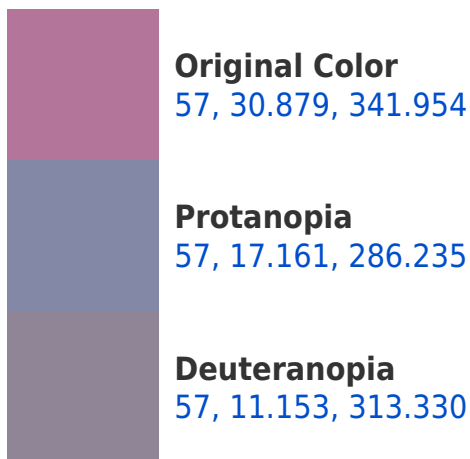


This preview shows how white text looks on a background with the CIELCh color 57, 30.879, 341.954.

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, 22.725, 7.755

Trichromacy



Original Color
57, 30.879, 341.954

Protanomaly
57, 19.675, 313.108

Deuteranomaly
57, 17.678, 330.681

Tritanomaly
57, 24.720, 356.716

Monochromacy



Original Color
57, 30.879, 341.954

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 11.372, 340.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.879, 341.954 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(179, 118, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 118, 154)  
}
```

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(179, 118, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 118, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.879, 341.954 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(179, 118, 154) }
```

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

```
.border{ border-color:rgb(179, 118, 154) }
```

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

Here you see how a box with a 4 pixel rgb(179, 118, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 118, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 118, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 118,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.879, 341.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 118, 154) }
```

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

```
.background{ background-color: rgb(179,  
118, 154) }
```

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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