

Converting Colors

CIELCh(57, 27.520, 346.164)

Have a look what the booklet for
CIELCh(57, 27.520, 346.164)
contains.

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Color

CIELCh(57, 27.491, 346.145)

Conversions

Conversions Part 1

Format	Color
Hex	B17895
RGB	177, 120, 149
RGB Percent	69%, 47%, 58%
CMY	0.3062, 0.5297, 0.4160
CMYK	0.00, 0.32, 0.16, 0.31
HSL	329°, 27%, 58%
HSV	329°, 32%, 69%
XYZ	30.2422, 24.9227, 31.6212
YIQ	140.3490, 24.6630, 21.1030

Conversions

Conversions Part 2

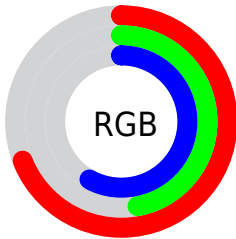
Format	Color
R_{YB}	177, 120, 149
Decimal	11630741
CIE _{Lab}	57.00, 26.69, -6.58
CIE _{LCh}	57, 27.491, 346.145
Yxy	24.9227, 0.3485, 0.2872
Android (android.graphics.Color)	4289820821 (0xFFB17895)
YUV	140.3490, 4.2649, 32.1429
Hunter-Lab	49.9226, 20.7676, -2.6088

Details

The CIELCh color $57, 27.491, 346.145$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 26.483, 160.210$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 27.282, 345.997$, and $37, 27.569, 346.144$ is the 20% darker color. If you saturate the color by 10%, you get $53, 35.940, 347.336$, and if you desaturate by 10%, it is $62, 18.867, 345.101$.

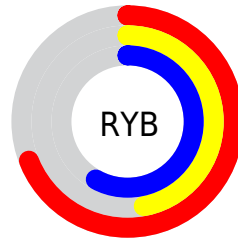
Distribution



Red (69%)

Green (47%)

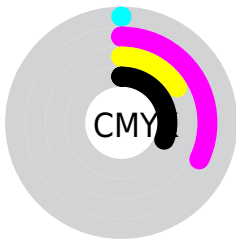
Blue (58%)



Red (69%)

Yellow (47%)

Blue (58%)

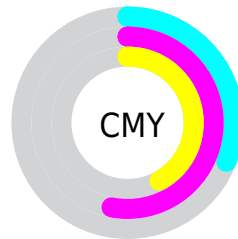


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (31%)



Cyan (31%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 27.491, 346.145 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, 27.491, 346.145 by changing the saturation by 10% instead.


 57, 27.491,
346.145


 57, 27.491,
346.145


 100, 27.491,
346.145


 47, 27.491,
346.145


 77, 27.491,
346.145

 37, 27.491,
346.145

 87, 27.491,
346.145

 27, 27.491,
346.145

 97, 27.491,
346.145

 17, 27.491,
346.145

 7, 27.491, 346.145

 0, 27.491, 346.145

57, 27.491,
346.145

57, 27.491,
346.145

53, 35.940,
347.336

62, 18.867,
345.101

49, 43.932,
348.721

66, 10.276,
344.159

45, 51.082,
350.375

71, 1.842, 343.159

76, 6.362, 162.654

42, 56.959,
352.401

81, 14.301,
161.923

40, 61.177,
354.936

86, 21.964,
161.268

39, 63.551,
358.134

91, 29.354,
160.666

38, 64.538, 1.024

94, 32.828,
162.469

■ 94, 30.122,
169.089

Harmonies

Complementary

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



57, 27.491, 346.145



68, 26.483, 160.210

Rectangle

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



57, 27.491, 346.145



57, 27.491, 36.145



57, 27.491, 166.145



57, 27.491, 216.145

Sweetspot

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



57, 27.489, 346.146



85, 10.373, 343.974



55, 34.286, 310.077



44, 7.081, 344.098



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 27.489, 346.146



69, 41.084, 347.017



56, 24.028, 20.877



35, 4.784, 343.898



33, 58.048, 0.501



2, 10.659, 349.373

Inverse Universe

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



57, 27.489, 346.146



69, 41.084, 347.017



68, 19.435, 196.282



35, 4.784, 343.898



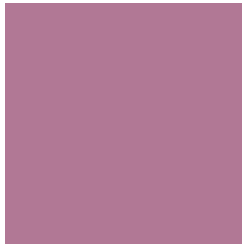
33, 58.048, 0.501



2, 10.659, 349.373

Previews

White Background



This preview shows how the CIELCh color 57, 27.491, 346.145 looks on a white background.

Color Contrast Check

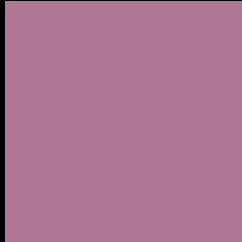
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.491, 346.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

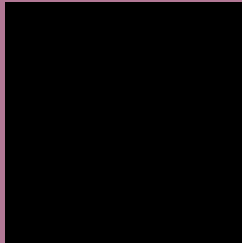
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 27.491, 346.145

Background



This preview shows how black text looks on a background with the CIELCh color 57, 27.491, 346.145.



This preview shows how white text looks on a background with the CIELCh color 57, 27.491, 346.145.

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

57, 27.491, 346.145

Protanopia

57, 13.147, 286.946

Deuteranopia

57, 9.479, 322.955



Tritanopia
57, 21.813, 8.534

Trichromacy



Original Color
57, 27.491, 346.145

Protanomaly
57, 16.060, 318.273

Deuteranomaly
57, 16.045, 335.968

Tritanomaly
57, 23.432, 359.580

Monochromacy



Original Color
57, 27.491, 346.145

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 9.721, 344.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 27.491, 346.145 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(177, 120, 149)` looks like.

```
.text, #text, p{  
    color:rgb(177, 120, 149)  
}
```

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(177, 120, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 120, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 27.491, 346.145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

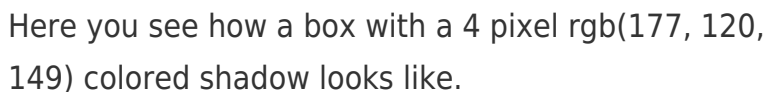
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 120, 149) }
```

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

```
.border{ border-color:rgb(177, 120, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 120, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 120, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 120, 149); box-shadow:4px 4px 4px 4px rgb(177, 120, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 27.491, 346.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 120, 149) }
```

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

```
.background{ background-color: rgb(177,  
120, 149) }
```

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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