

Converting Colors

CIELCh(57, 36.368, 321.733)

Have a look what the booklet for
CIELCh(57, 36.368, 321.733)
contains.

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Color

CIELCh(57, 36.244, 321.940)

Conversions

Conversions Part 1

Format	Color
Hex	A878B0
RGB	168, 120, 176
RGB Percent	66%, 47%, 69%
CMY	0.3409, 0.5291, 0.3095
CMYK	0.05, 0.32, 0.00, 0.31
HSL	291°, 26%, 58%
HSV	291°, 32%, 69%
XYZ	30.7356, 24.9227, 44.3065
YIQ	140.7360, 10.6320, 27.5920

Conversions

Conversions Part 2

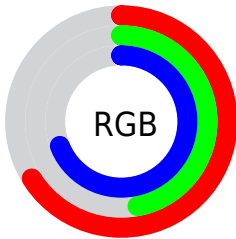
Format	Color
R_{YB}	168, 120, 176
Decimal	11040944
CIE _{Lab}	57.00, 28.54, -22.34
CIE _{LCh}	57, 36.244, 321.940
Yxy	24.9227, 0.3075, 0.2493
Android (android.graphics.Color)	4289231024 (0xFFA878B0)
YUV	140.7360, 17.3852, 23.9105
Hunter-Lab	49.9226, 22.5316, -17.6743

Details

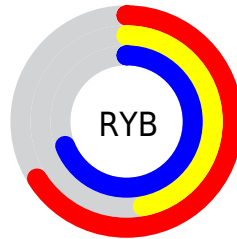
The CIELCh color $57, 36.244, 321.940$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $67, 35.904, 138.691$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 36.316, 321.891$, and $37, 36.413, 322.114$ is the 20% darker color. If you saturate the color by 10%, you get $53, 47.441, 322.363$, and if you desaturate by 10%, it is $62, 24.804, 321.487$.

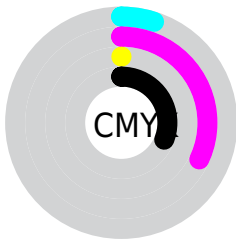
Distribution



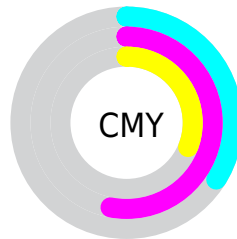
- Red (66%)
- Green (47%)
- Blue (69%)



- Red (66%)
- Yellow (47%)
- Blue (69%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (31%)





- Cyan (34%)
- Magenta (53%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 36.244, 321.940 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, 36.244, 321.940 by changing the saturation by 10% instead.


 57, 36.244,
321.940


 57, 36.244,
321.940


 100, 36.244,
321.940


 47, 36.244,
321.940


 77, 36.244,
321.940

 37, 36.244,
321.940

 87, 36.244,
321.940

 27, 36.244,
321.940

 97, 36.244,
321.940

 17, 36.244,
321.940

 7, 36.244, 321.940

 0, 36.244, 321.940

57, 36.244,
321.940

57, 36.244,
321.940

53, 47.441,
322.363

62, 24.804,
321.487

49, 58.088,
322.730

66, 13.351,
321.018

45, 67.772,
323.014

71, 2.029, 320.475

42, 76.017,
323.178

76, 9.069, 140.152

40, 82.352,
323.190

81, 19.891,
139.715


38, 86.462,
323.021

86, 30.409,
139.311

37, 88.528,
322.777

91, 40.615,
138.934

94, 47.045,
138.414

 94, 46.575,
137.550

Harmonies

Complementary

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



57, 36.244, 321.940



67, 35.904, 138.691

Rectangle

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



57, 36.244, 321.940



57, 36.244, 11.940



57, 36.244, 141.940



57, 36.244, 191.940

Sweetspot

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



57, 36.242, 321.940



85, 14.012, 320.940



55, 27.438, 287.582



44, 9.560, 321.006



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, 36.242, 321.940



69, 53.600, 322.235



57, 29.589, 338.815



35, 6.465, 320.900



32, 79.804, 322.835



2, 15.253, 318.597

Inverse Universe

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



56, 23.493, 11.146



68, 35.371, 12.229



67, 29.126, 153.721



35, 3.974, 8.451



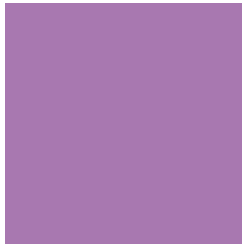
31, 65.380, 32.609



2, 9.292, 10.310

Previews

White Background



This preview shows how the CIELCh color 57, 36.244, 321.940 looks on a white background.

Color Contrast Check

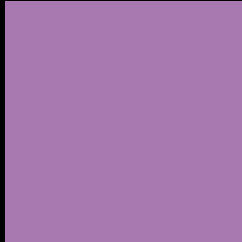
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.244, 321.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

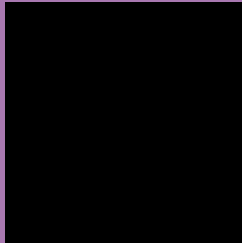
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 36.244, 321.940

Background



This preview shows how black text looks on a background with the CIELCh color 57, 36.244, 321.940.



This preview shows how white text looks on a background with the CIELCh color 57, 36.244, 321.940.

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, 15.113, 359.119

Trichromacy



Original Color
57, 36.244, 321.940

Protanomaly
57, 30.528, 299.333

Deuteranomaly
57, 26.457, 305.394

Tritanomaly
57, 21.754, 337.047

Monochromacy



Original Color
57, 36.244, 321.940

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 13.843, 321.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 36.244, 321.940 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(168, 120, 176)` looks like.

```
.text, #text, p{  
    color:rgb(168, 120, 176)  
}
```

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(168, 120, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 120, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 36.244, 321.940 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(168, 120, 176) }
```

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

```
.border{ border-color:rgb(168, 120, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 120, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 120, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 120, 176);  
box-shadow:4px 4px 4px 4px rgb(168, 120,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 36.244, 321.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 120, 176) }
```

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

```
.background{ background-color: rgb(168,  
120, 176) }
```

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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