

Converting Colors

CIELCh(57, 28.372, 342.392)

Have a look what the booklet for
CIELCh(57, 28.372, 342.392)
contains.

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Color

CIELCh(57, 28.106, 342.693)

Conversions

Conversions Part 1

Format	Color
Hex	B07898
RGB	176, 120, 152
RGB Percent	69%, 47%, 60%
CMY	0.3099, 0.5295, 0.4040
CMYK	0.00, 0.32, 0.14, 0.31
HSL	326°, 26%, 58%
HSV	326°, 32%, 69%
XYZ	30.2801, 24.9227, 32.9120
YIQ	140.3920, 23.1040, 21.8240

Conversions

Conversions Part 2

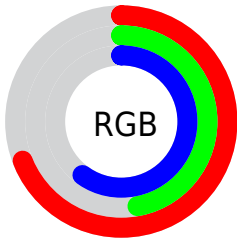
Format	Color
R_{YB}	176, 120, 152
Decimal	11565208
CIE Lab	57.00, 26.83, -8.36
CIE LCh	57, 28.106, 342.693
Yxy	24.9227, 0.3436, 0.2828
Android (android.graphics.Color)	4289755288 (0xFFB07898)
YUV	140.3920, 5.7227, 31.2282
Hunter-Lab	49.9226, 20.9029, -4.1417

Details

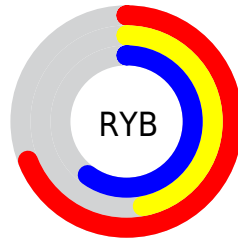
The CIELCh color **57, 28.106, 342.693** is a light color, and the websafe version is hex **996699**. A complement of this color would be **67, 27.381, 157.185**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 27.871, 342.745**, and **37, 28.231, 342.379** is the 20% darker color. If you saturate the color by 10%, you get **53, 36.787, 343.753**, and if you desaturate by 10%, it is **61, 19.215, 341.747**.

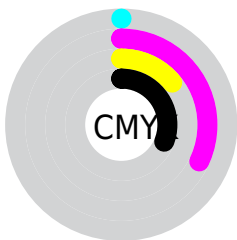
Distribution



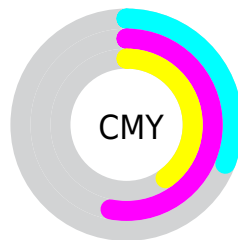
- Red (69%)
- Green (47%)
- Blue (60%)



- Red (69%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (14%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 28.106, 342.693 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, 28.106, 342.693 by changing the saturation by 10% instead.

 57, 28.106,
342.693

 57, 28.106,
342.693

 100, 28.106,
342.693

 47, 28.106,
342.693

 77, 28.106,
342.693

 37, 28.106,
342.693

 87, 28.106,
342.693

 27, 28.106,
342.693

 97, 28.106,
342.693

 17, 28.106,
342.693

 7, 28.106, 342.693

 0, 28.106, 342.693

57, 28.106,
342.693

57, 28.106,
342.693

53, 36.787,
343.753

61, 19.215,
341.747

49, 44.965,
344.960

66, 10.327,
340.879

45, 52.249,
346.373

71, 1.576, 339.912

76, 6.960, 159.463

43, 58.198,
348.070

81, 15.241,
158.770

40, 62.406,
350.160


86, 23.252,
158.144

39, 64.654,
352.773

91, 30.992,
157.564

38, 65.439,
355.271

94, 35.165,
158.694

 94, 32.608,
163.725

Harmonies

Complementary

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



57, 28.106, 342.693



67, 27.381, 157.185

Rectangle

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



57, 28.106, 342.693



57, 28.106, 32.693



57, 28.106, 162.693



57, 28.106, 212.693

Sweetspot

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



57, 28.104, 342.694



85, 10.827, 340.740



54, 33.398, 307.846



44, 7.389, 340.856



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, 28.104, 342.694



69, 41.573, 343.405



56, 23.452, 15.721



35, 4.994, 340.669



33, 59.132, 354.855



2, 11.083, 345.868

Inverse Universe

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



57, 28.104, 342.694



69, 41.573, 343.405



68, 19.568, 190.202



35, 4.994, 340.669



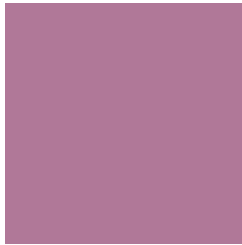
33, 59.132, 354.855



2, 11.083, 345.868

Previews

White Background



This preview shows how the CIELCh color 57, 28.106, 342.693 looks on a white background.

Color Contrast Check

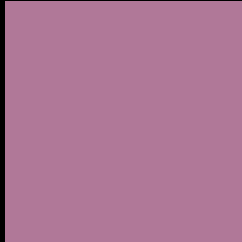
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.106, 342.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

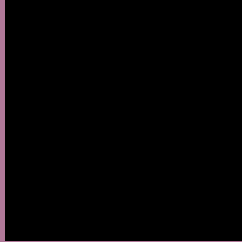
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 28.106, 342.693

Background



This preview shows how black text looks on a background with the CIELCh color 57, 28.106, 342.693.



This preview shows how white text looks on a background with the CIELCh color 57, 28.106, 342.693.

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, 28.106, 342.693

Protanopia

57, 14.871, 286.351

Deuteranopia

57, 10.786, 316.369



Tritanopia
57, 21.488, 6.733

Trichromacy



Original Color
57, 28.106, 342.693

Protanomaly
57, 17.444, 314.625

Deuteranomaly
57, 17.012, 330.861

Tritanomaly
57, 23.414, 356.506

Monochromacy



Original Color
57, 28.106, 342.693

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 10.053, 342.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 28.106, 342.693 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(176, 120, 152)` looks like.

```
.text, #text, p{  
    color:rgb(176, 120, 152)  
}
```

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(176, 120, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 120, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 28.106, 342.693 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(176, 120, 152) }
```

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

```
.border{ border-color:rgb(176, 120, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 120, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 120, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 120, 152);  
box-shadow:4px 4px 4px 4px rgb(176, 120,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 28.106, 342.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 120, 152) }
```

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

```
.background{ background-color: rgb(176,  
120, 152) }
```

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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