

Converting Colors

CIELCh(57, 30.214, 332.380)

Have a look what the booklet for
CIELCh(57, 30.214, 332.380)
contains.

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Color

CIELCh(57, 30.086, 332.257)

Conversions

Conversions Part 1

Format	Color
Hex	AC79A2
RGB	172, 121, 162
RGB Percent	67%, 47%, 64%
CMY	0.3269, 0.5268, 0.3660
CMYK	0.00, 0.30, 0.06, 0.33
HSL	312°, 23%, 57%
HSV	312°, 30%, 67%
XYZ	30.2253, 24.9227, 37.2408
YIQ	140.9230, 17.2350, 23.5630

Conversions

Conversions Part 2

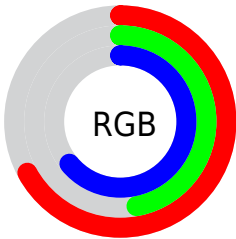
Format	Color
RYB	172, 121, 162
Decimal	11303330
CIELab	57.00, 26.63, -14.01
CIELCh	57, 30.086, 332.257
Yxy	24.9227, 0.3272, 0.2698
Android (android.graphics.Color)	4289493410 (0xFFAC79A2)
YUV	140.9230, 10.3910, 27.2545
Hunter-Lab	49.9226, 20.7071, -9.2827

Details

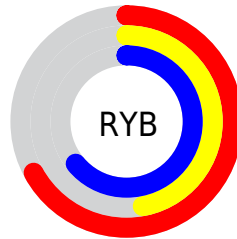
The CIELCh color **57, 30.086, 332.257** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 29.959, 148.184**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 30.081, 332.169**, and **37, 30.280, 332.568** is the 20% darker color. If you saturate the color by 10%, you get **53, 39.952, 332.934**, and if you desaturate by 10%, it is **61, 19.950, 331.599**.

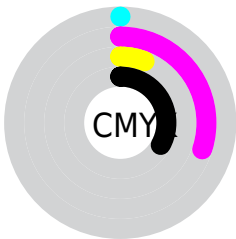
Distribution



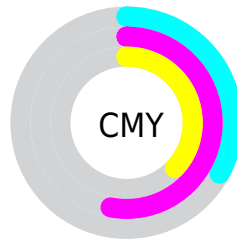
- Red (67%)
- Green (47%)
- Blue (64%)



- Red (67%)
- Yellow (47%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 30.086, 332.257 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, 30.086, 332.257 by changing the saturation by 10% instead.


 57, 30.086,
332.257


 57, 30.086,
332.257


 100, 30.086,
332.257

 47, 30.086,
332.257


 77, 30.086,
332.257

 37, 30.086,
332.257

 87, 30.086,
332.257

 27, 30.086,
332.257

 97, 30.086,
332.257

 17, 30.086,
332.257

 7, 30.086, 332.257

 0, 30.086, 332.257

57, 30.086,
332.257

57, 30.086,
332.257

53, 39.952,
332.934

61, 19.950,
331.599

49, 49.246,
333.631

66, 9.774, 330.953

46, 57.574,
334.352

70, 0.295, 151.304

43, 64.493,
335.110

75, 10.164,
149.818

41, 69.586,
335.924

80, 19.780,
149.249

40, 72.582,
336.823

85, 29.116,
148.717


39, 73.803,
337.821

89, 38.166,
148.215

39, 73.835,

93, 45.188,
148.057

337.852

 93, 43.848,
149.454

Harmonies

Complementary

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



57, 30.086, 332.257



66, 29.959, 148.184

Rectangle

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



57, 30.086, 332.257



57, 30.086, 22.257



57, 30.086, 152.257



57, 30.086, 202.257

Sweetspot

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



57, 30.084, 332.257



84, 11.277, 330.918



53, 29.771, 299.851



44, 7.833, 331.010



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 30.084, 332.257



70, 45.182, 332.726



56, 22.367, 358.005



34, 5.752, 330.928



34, 67.113, 337.728



2, 11.476, 333.004

Inverse Universe

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



57, 30.084, 332.257



70, 45.182, 332.726



66, 20.622, 171.934



34, 5.752, 330.928



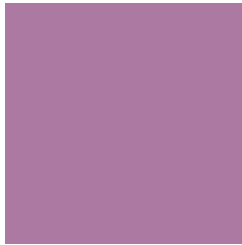
34, 67.113, 337.728



2, 11.476, 333.004

Previews

White Background



This preview shows how the CIELCh color 57, 30.086, 332.257 looks on a white background.

Color Contrast Check

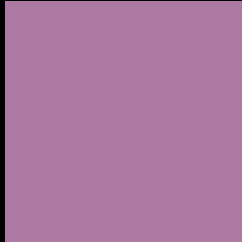
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.086, 332.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

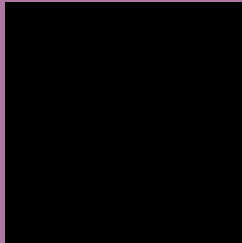
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.086, 332.257

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.086, 332.257.



This preview shows how white text looks on a background with the CIELCh color 57, 30.086, 332.257.

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, 30.086, 332.257

Protanopia

57, 20.639, 284.857

Deuteranopia

57, 14.491, 300.591



Tritanopia
57, 17.722, 4.774

Trichromacy



Original Color
57, 30.086, 332.257

Protanomaly
57, 22.406, 305.619

Deuteranomaly
57, 19.759, 317.854

Tritanomaly
57, 21.299, 347.954

Monochromacy



Original Color
57, 30.086, 332.257

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 11.049, 330.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.086, 332.257 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(172, 121, 162)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 162)  
}
```

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(172, 121, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.086, 332.257 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(172, 121, 162) }
```

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

```
.border{ border-color:rgb(172, 121, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 162);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.086, 332.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 162) }
```

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

```
.background{ background-color: rgb(172,  
121, 162) }
```

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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