

Converting Colors

CIELCh(57, 30.315, 343.604)

Have a look what the booklet for
CIELCh(57, 30.315, 343.604)
contains.

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Color

CIELCh(57, 30.245, 343.670)

Conversions

Conversions Part 1

Format	Color
Hex	B37698
RGB	179, 118, 152
RGB Percent	70%, 46%, 60%
CMY	0.2968, 0.5361, 0.4028
CMYK	0.00, 0.34, 0.15, 0.30
HSL	327°, 29%, 58%
HSV	327°, 34%, 70%
XYZ	30.8668, 24.9227, 33.0171
YIQ	140.1150, 25.4420, 23.5060

Conversions

Conversions Part 2

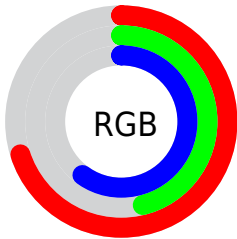
Format	Color
R_{YB}	179, 118, 152
Decimal	11761304
CIE _{Lab}	57.00, 29.02, -8.50
CIE _{LCh}	57, 30.245, 343.670
Yxy	24.9227, 0.3476, 0.2806
Android (android.graphics.Color)	4289951384 (0xFFB37698)
YUV	140.1150, 5.8593, 34.1021
Hunter-Lab	49.9226, 23.0006, -4.2665

Details

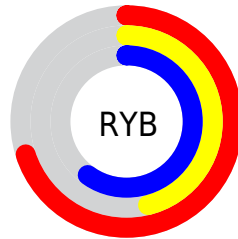
The CIELCh color **57, 30.245, 343.670** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 29.353, 157.605**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 30.224, 344.064**, and **37, 30.397, 343.623** is the 20% darker color. If you saturate the color by 10%, you get **53, 38.913, 344.790**, and if you desaturate by 10%, it is **62, 21.313, 342.678**.

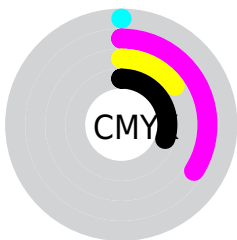
Distribution



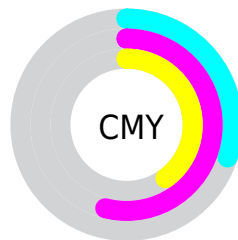
- Red (70%)
- Green (46%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (30%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 30.245, 343.670 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, 30.245, 343.670 by changing the saturation by 10% instead.


 57, 30.245,
343.670


 57, 30.245,
343.670


 100, 30.245,
343.670


 47, 30.245,
343.670


 77, 30.245,
343.670

 37, 30.245,
343.670

 87, 30.245,
343.670

 27, 30.245,
343.670

 97, 30.245,
343.670

 17, 30.245,
343.670

 7, 30.245, 343.670

 0, 30.245, 343.670

■ 57, 30.245,
343.670

■ 57, 30.245,
343.670

■ 53, 38.913,
344.790

■ 62, 21.313,
342.678

■ 49, 47.002,
346.081

■ 66, 12.353,
341.777

■ 46, 54.098,
347.607

■ 71, 3.513, 340.896

■ 43, 59.752,
349.460

■ 76, 5.120, 160.325

■ 41, 63.584,
351.762

■ 81, 13.497,
159.596


■ 39, 65.445,
354.651

■ 86, 21.600,
158.951

■ 39, 66.012,
356.589

■ 91, 29.427,
158.356

■ 94, 33.128,
159.949

 95, 30.518,
165.714

Harmonies

Complementary

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



57, 30.245, 343.670



68, 29.353, 157.605

Rectangle

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



57, 30.245, 343.670



57, 30.245, 33.670



57, 30.245, 163.670



57, 30.245, 213.670

Sweetspot

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



57, 30.243, 343.671



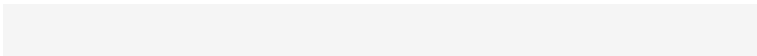
86, 10.818, 341.445



54, 36.451, 308.537



45, 7.451, 341.564



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, 30.243, 343.671



69, 44.780, 344.515



56, 25.662, 17.324



35, 4.946, 341.373



33, 58.831, 356.098



2, 10.981, 346.659

Inverse Universe

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



57, 30.243, 343.671



69, 44.780, 344.515



69, 20.944, 191.545



35, 4.946, 341.373



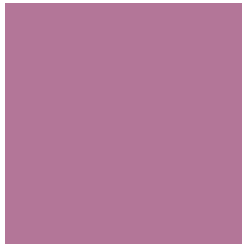
33, 58.831, 356.098



2, 10.981, 346.659

Previews

White Background



This preview shows how the CIELCh color 57, 30.245, 343.670 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, 30.245, 343.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

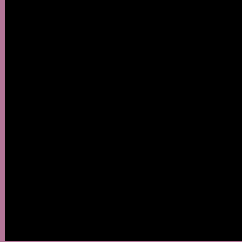
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.245, 343.670

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.245, 343.670.



This preview shows how white text looks on a background with the CIELCh color 57, 30.245, 343.670.

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, 30.245, 343.670

Protanopia

57, 16.031, 285.647

Deuteranopia

57, 10.786, 316.369



Tritanopia
57, 23.065, 9.451

Trichromacy



Original Color
57, 30.245, 343.670

Protanomaly
57, 18.626, 314.361

Deuteranomaly
57, 17.256, 331.904

Tritanomaly
57, 24.907, 358.398

Monochromacy



Original Color
57, 30.245, 343.670

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 11.024, 342.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.245, 343.670 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(179, 118, 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(179, 118, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 118, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.245, 343.670 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, 152) }
```

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

```
.border{ border-color:rgb(179, 118, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 118, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 118, 152); box-shadow:4px 4px 4px 4px rgb(179, 118, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.245, 343.670 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, 152) }
```

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

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