

Converting Colors

CIELCh(57, 30.174, 306.533)

Have a look what the booklet for
CIELCh(57, 30.174, 306.533)
contains.

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Color

CIELCh(57, 30.089, 306.815)

Conversions

Conversions Part 1

Format	Color
Hex	9480B3
RGB	148, 128, 179
RGB Percent	58%, 50%, 70%
CMY	0.4203, 0.4987, 0.2987
CMYK	0.17, 0.29, 0.00, 0.30
HSL	264°, 25%, 60%
HSV	264°, 29%, 70%
XYZ	27.9982, 24.9227, 45.8896
YIQ	139.7940, -4.4510, 20.1010

Conversions

Conversions Part 2

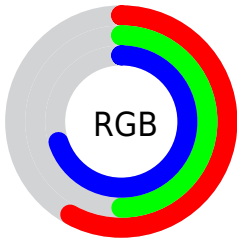
Format	Color
R_{YB}	148, 128, 179
Decimal	9732275
CIE _{Lab}	57.00, 18.03, -24.09
CIE _{LCh}	57, 30.089, 306.815
Yxy	24.9227, 0.2834, 0.2522
Android (android.graphics.Color)	4287922355 (0xFF9480B3)
YUV	139.7940, 19.3286, 7.1967
Hunter-Lab	49.9226, 12.7439, -19.5544

Details

The CIELCh color $57, 30.089, 306.815$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 28.654, 123.775$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 30.110, 307.016$, and $37, 29.860, 307.027$ is the 20% darker color. If you saturate the color by 10%, you get $52, 41.203, 307.483$, and if you desaturate by 10%, it is $63, 19.239, 306.196$.

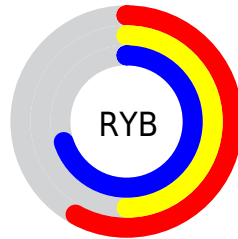
Distribution



Red (58%)

Green (50%)

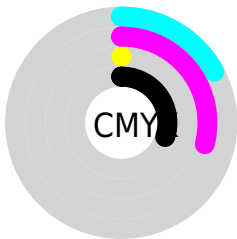
Blue (70%)



Red (58%)

Yellow (50%)

Blue (70%)

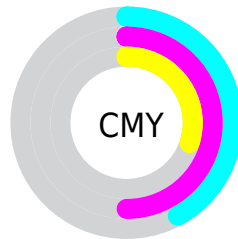


Cyan (17%)

Magenta (29%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (50%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 30.089, 306.815 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, 30.089, 306.815 by changing the saturation by 10% instead.

■ 57, 30.089,
306.815

■ 57, 30.089,
306.815

■ 100, 30.089,
306.815

■ 47, 30.089,
306.815

■ 77, 30.089,
306.815

■ 37, 30.089,
306.815

■ 87, 30.089,
306.815

■ 27, 30.089,
306.815

■ 97, 30.089,
306.815

■ 17, 30.089,
306.815

■ 7, 30.089, 306.815

■ 0, 30.089, 306.815

57, 30.089,
306.815

57, 30.089,
306.815

52, 41.203,
307.483

63, 19.239,
306.196

46, 52.474,
308.182

68, 8.708, 305.633

41, 63.680,
308.872

74, 1.486, 125.194

36, 74.428,
309.486

79, 11.347,
124.712

32, 84.086,
309.921

85, 20.883,
124.325

28, 91.794,
310.040

90, 30.109,
123.990


26, 97.033,
309.781

96, 39.041,
123.700

25, 97.770,

97, 39.074,
118.637

309.752

 98, 38.415,
112.621

Harmonies

Complementary

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



57, 30.089, 306.815



70, 28.654, 123.775

Rectangle

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



57, 30.089, 306.815



57, 30.089, 356.815



57, 30.089, 126.815



57, 30.089, 176.815

Sweetspot

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



57, 30.087, 306.815



86, 11.391, 305.667



64, 15.026, 245.556



45, 7.997, 305.746



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, 30.087, 306.815



69, 44.725, 307.215



59, 33.119, 322.577



35, 5.792, 305.676



21, 87.019, 309.882



1, 13.639, 301.904

Inverse Universe

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



59, 26.125, 340.537



72, 38.478, 341.106



69, 32.892, 139.606



35, 5.124, 338.915



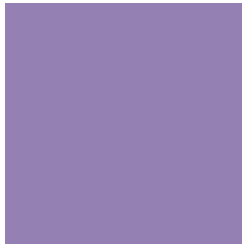
33, 60.057, 351.738



2, 11.366, 343.830

Previews

White Background



This preview shows how the CIELCh color 57, 30.089, 306.815 looks on a white background.

Color Contrast Check

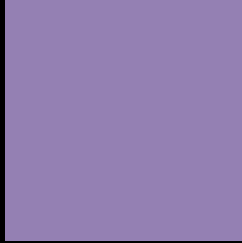
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.089, 306.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

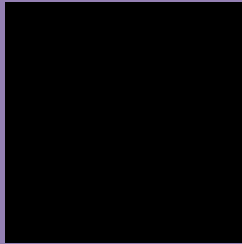
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.089, 306.815

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.089, 306.815.



This preview shows how white text looks on a background with the CIELCh color 57, 30.089, 306.815.

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, 30.089, 306.815

Protanopia
57, 28.097, 285.345

Deuteranopia
57, 24.015, 287.259



Tritanopia
57, 7.036, 316.879

Trichromacy



Original Color
57, 30.089, 306.815

Protanomaly
57, 28.582, 293.445

Deuteranomaly
57, 26.343, 295.418

Tritanomaly
57, 15.042, 309.094

Monochromacy



Original Color
57, 30.089, 306.815

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 10.630, 305.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.089, 306.815 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(148, 128, 179)` looks like.

```
.text, #text, p{  
    color:rgb(148, 128, 179)  
}
```

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(148, 128, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 128, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.089, 306.815 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(148, 128, 179) }
```

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

```
.border{ border-color:rgb(148, 128, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 128, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 128, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 128, 179);  
box-shadow:4px 4px 4px 4px rgb(148, 128,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.089, 306.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 128, 179) }
```

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

```
.background{ background-color: rgb(148,  
128, 179) }
```

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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