

Converting Colors

CIELCh(57, 30.843, 293.693)

Have a look what the booklet for
CIELCh(57, 30.843, 293.693)
contains.

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Color

CIELCh(57, 30.848, 293.684)

Conversions

Conversions Part 1

Format	Color
Hex	8484BA
RGB	132, 132, 186
RGB Percent	52%, 52%, 73%
CMY	0.4827, 0.4826, 0.2709
CMYK	0.29, 0.29, 0.00, 0.27
HSL	240°, 28%, 62%
HSV	240°, 29%, 73%
XYZ	26.5985, 24.9227, 49.8171
YIQ	138.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

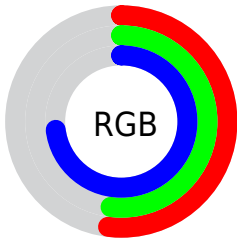
Format	Color
RYB	132, 132, 186
Decimal	8684730
CIELab	57.00, 12.39, -28.25
CIELCh	57, 30.848, 293.684
Yxy	24.9227, 0.2625, 0.2459
Android (android.graphics.Color)	4286874810 (0xFF8484BA)
YUV	138.1560, 23.5871, -5.3988
Hunter-Lab	49.9226, 7.7393, -24.2189

Details

The CIELCh color $57, 30.848, 293.684$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $74, 28.777, 107.394$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 30.670, 293.547$, and $37, 30.872, 293.689$ is the 20% darker color. If you saturate the color by 10%, you get $51, 42.361, 295.318$, and if you desaturate by 10%, it is $63, 19.808, 292.286$.

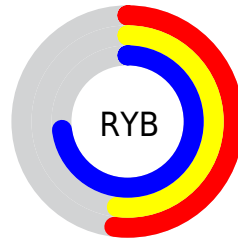
Distribution



Red (52%)

Green (52%)

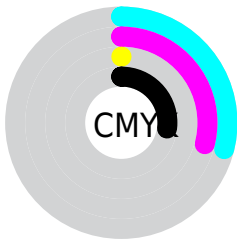
Blue (73%)



Red (52%)

Yellow (52%)

Blue (73%)

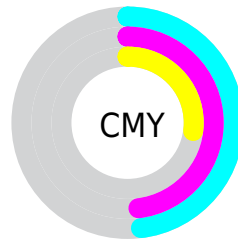


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 30.848, 293.684 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, 30.848, 293.684 by changing the saturation by 10% instead.

■ 57, 30.848,
293.684

■ 57, 30.848,
293.684

■ 100, 30.848,
293.684

■ 47, 30.848,
293.684

■ 77, 30.848,
293.684

■ 37, 30.848,
293.684

■ 87, 30.848,
293.684

■ 27, 30.848,
293.684

■ 97, 30.848,
293.684

■ 17, 30.848,
293.684

■ 7, 30.848, 293.684

■ 0, 30.848, 293.684

■ 57, 30.848,
293.684

■ 57, 30.848,
293.684

■ 51, 42.361,
295.318

■ 63, 19.808,
292.286

■ 44, 54.342,
297.198

■ 70, 9.221, 291.101

■ 38, 66.677,
299.293

■ 76, 0.948, 110.022

■ 33, 78.999,
301.493

■ 82, 10.730,
109.224

■ 28, 90.445,
303.575

■ 89, 20.155,
108.497

■ 24, 99.495,
305.212

■ 95, 29.248,
107.872

■ 22, 105.045,
306.200

■ 99, 34.730,
107.532

■ 22, 105.534,

Harmonies

Complementary

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



57, 30.848, 293.684



74, 28.777, 107.394

Rectangle

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



57, 30.848, 293.684



57, 30.848, 343.684



57, 30.848, 113.684



57, 30.848, 163.684

Sweetspot

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



57, 30.847, 293.684



89, 11.382, 291.113



72, 18.457, 196.437



46, 7.996, 291.274



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



57, 30.847, 293.684



68, 46.738, 294.724



59, 32.069, 309.909



35, 5.722, 291.132



17, 92.502, 306.287



1, 15.385, 290.296

Inverse Universe

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



60, 22.370, 21.760



73, 34.226, 22.598



72, 30.760, 127.135



36, 4.004, 19.911



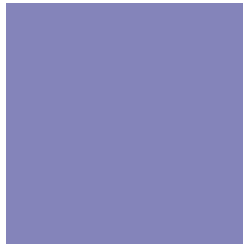
32, 71.869, 39.597



2, 10.638, 19.402

Previews

White Background



This preview shows how the CIELCh color 57, 30.848, 293.684 looks on a white background.

Color Contrast Check

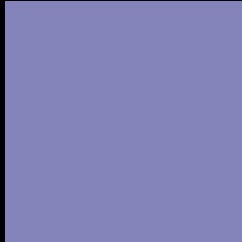
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.848, 293.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

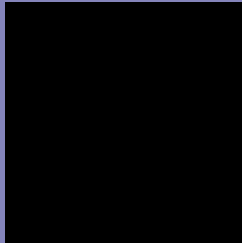
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.848, 293.684

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.848, 293.684.



This preview shows how white text looks on a background with the CIELCh color 57, 30.848, 293.684.

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, 30.848, 293.684

Protanopia

57, 30.400, 285.125

Deuteranopia

57, 28.656, 285.591



Tritanopia
57, 8.018, 250.789

Trichromacy



Original Color
57, 30.848, 293.684

Protanomaly
57, 30.291, 288.086

Deuteranomaly
57, 29.144, 288.336

Tritanomaly
57, 15.599, 281.465

Monochromacy



Original Color
57, 30.848, 293.684

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 10.842, 291.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.848, 293.684 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(132, 132, 186)` looks like.

```
.text, #text, p{  
    color:rgb(132, 132, 186)  
}
```

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(132, 132, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 132, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.848, 293.684 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(132, 132, 186) }
```

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

```
.border{ border-color:rgb(132, 132, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 132, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 132, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 132, 186);  
box-shadow:4px 4px 4px 4px rgb(132, 132,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.848, 293.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 132, 186) }
```

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

```
.background{ background-color: rgb(132,  
132, 186) }
```

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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