

Converting Colors

CIELCh(57, 26.432, 288.209)

Have a look what the booklet for
CIELCh(57, 26.432, 288.209)
contains.

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Color

CIELCh(57, 26.304, 288.087)

Conversions

Conversions Part 1

Format	Color
Hex	7F86B4
RGB	127, 134, 180
RGB Percent	50%, 53%, 71%
CMY	0.5013, 0.4739, 0.2934
CMYK	0.29, 0.26, 0.00, 0.29
HSL	232°, 26%, 60%
HSV	232°, 29%, 71%
XYZ	25.5809, 24.9227, 46.7355
YIQ	137.1510, -18.9380, 12.8220

Conversions

Conversions Part 2

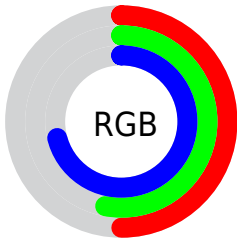
Format	Color
R_{YB}	127, 133, 180
Decimal	8357556
CIE Lab	57.00, 8.17, -25.00
CIE LCh	57, 26.304, 288.087
Yxy	24.9227, 0.2631, 0.2563
Android (android.graphics.Color)	4286547636 (0xFF7F86B4)
YUV	137.1510, 21.1246, -8.9024
Hunter-Lab	49.9226, 4.1008, -20.5590

Details

The CIELCh color **57, 26.304, 288.087** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **70, 25.053, 101.013**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 26.366, 288.298**, and **37, 26.015, 287.543** is the 20% darker color. If you saturate the color by 10%, you get **51, 35.890, 289.866**, and if you desaturate by 10%, it is **63, 17.063, 286.564**.

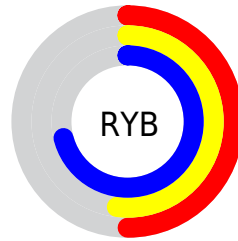
Distribution



Red (50%)

Green (53%)

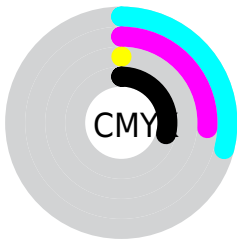
Blue (71%)



Red (50%)

Yellow (52%)

Blue (71%)

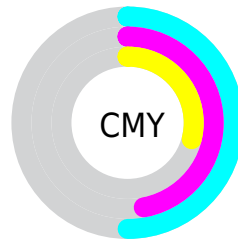


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (29%)



Cyan (50%)


Magenta (47%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 26.304, 288.087 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, 26.304, 288.087 by changing the saturation by 10% instead.


 57, 26.304,
288.087


 57, 26.304,
288.087


 100, 26.304,
288.087


 47, 26.304,
288.087


 77, 26.304,
288.087

 37, 26.304,
288.087

 87, 26.304,
288.087

 27, 26.304,
288.087

 97, 26.304,
288.087

 17, 26.304,
288.087

 7, 26.304, 288.087

 0, 26.304, 288.087

57, 26.304,
288.087

57, 26.304,
288.087

51, 35.890,
289.866

63, 17.063,
286.564

46, 45.849,
291.926

68, 8.142, 285.268

74, 0.484, 103.907

41, 56.176,
294.270

79, 8.837, 103.168

35, 66.785,
296.847

85, 16.934,
102.347

31, 77.388,
299.530

90, 24.790,
101.632

27, 87.329,
302.089

95, 32.418,
101.006

24, 95.557,
304.180

98, 37.560,
107.314

23, 95.964,

Harmonies

Complementary

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



57, 26.304, 288.087



70, 25.053, 101.013

Rectangle

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



57, 26.304, 288.087



57, 26.304, 338.087



57, 26.304, 108.087



57, 26.304, 158.087

Sweetspot

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



57, 26.303, 288.086



87, 9.637, 285.236



70, 18.995, 186.033



45, 6.706, 285.409



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, 26.303, 288.086



69, 39.215, 289.153



57, 31.181, 306.019



35, 4.857, 285.256



19, 84.306, 304.016



1, 11.983, 285.711

Inverse Universe

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



59, 21.990, 11.644



71, 32.930, 12.562



71, 29.578, 122.747



35, 3.964, 9.302



31, 65.843, 33.295



2, 9.274, 10.988

Previews

White Background



This preview shows how the CIELCh color 57, 26.304, 288.087 looks on a white background.

Color Contrast Check

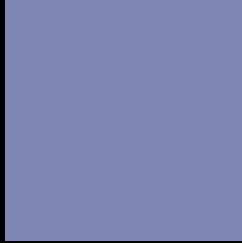
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.304, 288.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

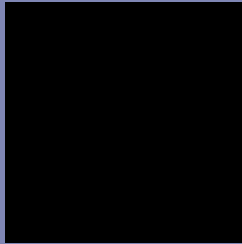
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 26.304, 288.087

Background



This preview shows how black text looks on a background with the CIELCh color 57, 26.304, 288.087.



This preview shows how white text looks on a background with the CIELCh color 57, 26.304, 288.087.

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, 26.304, 288.087

Protanopia

57, 26.384, 285.249

Deuteranopia

57, 26.327, 287.378



Tritanopia
57, 9.210, 242.043

Trichromacy



Original Color
57, 26.304, 288.087

Protanomaly
57, 26.350, 285.945

Deuteranomaly
57, 26.327, 287.378

Tritanomaly
57, 14.521, 270.348

Monochromacy



Original Color
57, 26.304, 288.087

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.746, 284.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 26.304, 288.087 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(127, 134, 180)` looks like.

```
.text, #text, p{  
    color:rgb(127, 134, 180)  
}
```

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(127, 134, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 134, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 26.304, 288.087 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(127, 134, 180) }
```

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

```
.border{ border-color:rgb(127, 134, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 134, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 134, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 134, 180);  
box-shadow:4px 4px 4px 4px rgb(127, 134,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 26.304, 288.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 134, 180) }
```

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

```
.background{ background-color: rgb(127,  
134, 180) }
```

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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