

Converting Colors

CIELCh(57, 26.511, 303.569)

Have a look what the booklet for
CIELCh(57, 26.511, 303.569)
contains.

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Color

CIELCh(57, 26.286, 303.860)

Conversions

Conversions Part 1

Format	Color
Hex	9082AF
RGB	144, 130, 175
RGB Percent	56%, 51%, 69%
CMY	0.4360, 0.4908, 0.3144
CMYK	0.18, 0.26, 0.00, 0.31
HSL	259°, 22%, 60%
HSV	259°, 26%, 69%
XYZ	27.1523, 24.9227, 43.8453
YIQ	139.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

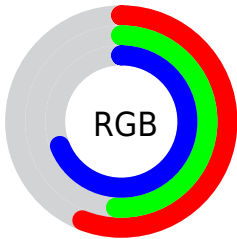
Format	Color
RYB	144, 130, 175
Decimal	9470639
CIELab	57.00, 14.65, -21.83
CIELCh	57, 26.286, 303.860
Yxy	24.9227, 0.2831, 0.2598
Android (android.graphics.Color)	4287660719 (0xFF9082AF)
YUV	139.3160, 17.5922, 4.1079
Hunter-Lab	49.9226, 9.7195, -17.1266

Details

The CIELCh color $57, 26.286, 303.860$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $69, 25.021, 120.771$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 26.420, 303.578$, and $37, 25.827, 303.774$ is the 20% darker color. If you saturate the color by 10%, you get $51, 37.100, 304.641$, and if you desaturate by 10%, it is $63, 15.798, 303.157$.

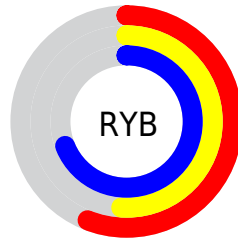
Distribution



Red (56%)

Green (51%)

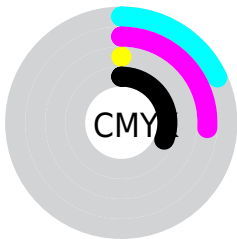
Blue (69%)



Red (56%)

Yellow (51%)

Blue (69%)

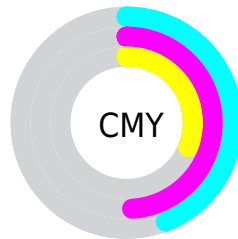


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (44%)


Magenta (49%)

Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 26.286, 303.860 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, 26.286, 303.860 by changing the saturation by 10% instead.


 57, 26.286,
303.860


 57, 26.286,
303.860


 100, 26.286,
303.860


 47, 26.286,
303.860


 77, 26.286,
303.860

 37, 26.286,
303.860

 87, 26.286,
303.860

 27, 26.286,
303.860

 97, 26.286,
303.860

 17, 26.286,
303.860

 7, 26.286, 303.860

 0, 26.286, 303.860

57, 26.286,
303.860

57, 26.286,
303.860

51, 37.100,
304.641

63, 15.798,
303.157

46, 48.180,
305.489

68, 5.662, 302.530

41, 59.373,
306.375

74, 4.125, 122.005

79, 13.575,
121.523

36, 70.376,
307.242

85, 22.703,
121.110

31, 80.639,
307.988

90, 31.529,
120.755

27, 89.307,
308.463


96, 40.069,
120.449

24, 95.401,
308.508

97, 40.631,
115.175

23, 97.607,

308.510

 98, 40.201,
108.644

Harmonies

Complementary

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



57, 26.286, 303.860



69, 25.021, 120.771

Rectangle

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



57, 26.286, 303.860



57, 26.286, 353.860



57, 26.286, 123.860



57, 26.286, 173.860

Sweetspot

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



57, 26.285, 303.859



85, 9.805, 302.675



65, 13.068, 233.939



44, 7.042, 302.766



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 26.285, 303.859



69, 39.529, 304.304



59, 28.726, 319.935



34, 5.585, 302.746



19, 87.265, 308.623



1, 11.545, 300.049

Inverse Universe

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



60, 24.446, 336.566



73, 36.397, 337.029



68, 28.391, 137.511



34, 5.299, 335.334



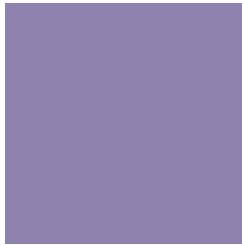
33, 62.030, 345.340



2, 10.405, 338.742

Previews

White Background



This preview shows how the CIELCh color 57, 26.286, 303.860 looks on a white background.

Color Contrast Check

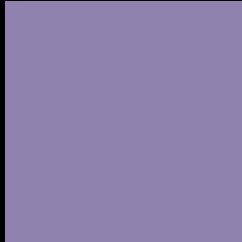
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.286, 303.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

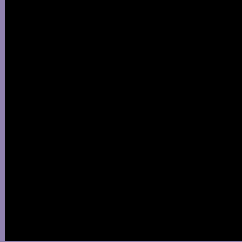
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 26.286, 303.860

Background



This preview shows how black text looks on a background with the CIELCh color 57, 26.286, 303.860.



This preview shows how white text looks on a background with the CIELCh color 57, 26.286, 303.860.

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, 26.286, 303.860

Protanopia

57, 25.229, 285.446

Deuteranopia

57, 22.845, 290.217



Tritanopia
57, 6.491, 304.548

Trichromacy



Original Color
57, 26.286, 303.860

Protanomaly
57, 25.139, 292.287

Deuteranomaly
57, 24.093, 296.242

Tritanomaly
57, 13.532, 304.398

Monochromacy



Original Color
57, 26.286, 303.860

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 9.346, 302.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 26.286, 303.860 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(144, 130, 175)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 175)  
}
```

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(144, 130, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 26.286, 303.860 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(144, 130, 175) }
```

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

```
.border{ border-color:rgb(144, 130, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 130, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 175);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 26.286, 303.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 175) }
```

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

```
.background{ background-color: rgb(144,  
130, 175) }
```

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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