

Converting Colors

CIELCh(68, 25.031, 278.954)

Have a look what the booklet for
CIELCh(68, 25.031, 278.954)
contains.

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Color

CIELCh(68, 25.286, 279.250)

Conversions

Conversions Part 1

Format	Color
Hex	93A5D2
RGB	147, 165, 210
RGB Percent	58%, 65%, 82%
CMY	0.4219, 0.3513, 0.1748
CMYK	0.30, 0.21, 0.00, 0.17
HSL	223°, 41%, 70%
HSV	223°, 30%, 83%
XYZ	37.3204, 37.9720, 66.6141
YIQ	164.7480, -25.1730, 10.1790

Conversions

Conversions Part 2

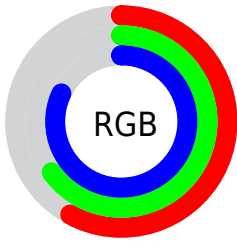
Format	Color
RYB	147, 161, 210
Decimal	9676242
CIELab	68.00, 4.06, -24.96
CIElCh	68, 25.286, 279.250
Yxy	37.9720, 0.2630, 0.2676
Android (android.graphics.Color)	4287866322 (0xFF93A5D2)
YUV	164.7480, 22.3092, -15.5650
Hunter-Lab	61.6215, 0.2693, -20.9588

Details

The CIELCh color `68, 25.286, 279.250` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `78, 25.029, 91.008`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 19.066, 273.650`, and `48, 25.240, 279.824` is the 20% darker color. If you saturate the color by 10%, you get `63, 34.115, 281.273`, and if you desaturate by 10%, it is `73, 16.660, 277.519`.

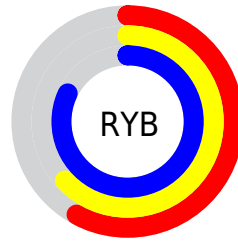
Distribution



Red (58%)

Green (65%)

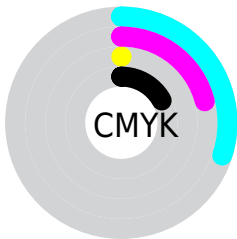
Blue (82%)



Red (58%)

Yellow (63%)

Blue (82%)

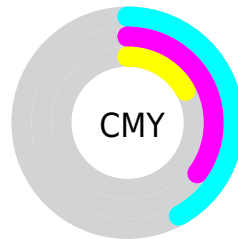


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (42%)


Magenta (35%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.286, 279.250 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 68, 25.286, 279.250 by changing the saturation by 10% instead.


 68, 25.286,
279.250


 68, 25.286,
279.250


 100, 25.286,
279.250


 58, 25.286,
279.250


 88, 25.286,
279.250

 48, 25.286,
279.250

 98, 25.286,
279.250

 38, 25.286,
279.250

 28, 25.286,
279.250

 18, 25.286,
279.250

 8, 25.286, 279.250

 0, 25.286, 279.250

■ 68, 25.286,
279.250

■ 68, 25.286,
279.250

■ 63, 34.115,
281.273

■ 73, 16.660,
277.519

■ 57, 43.178,
283.628

■ 79, 8.224, 276.048

■ 84, 0.034, 88.409

■ 52, 52.505,
286.337

■ 90, 8.121, 93.620

■ 47, 62.120,
289.384

■ 95, 16.041, 92.678

■ 42, 71.997,
292.693

■ 99, 22.514,
108.472

■ 38, 81.975,
296.104

■ 34, 91.676,
299.319

■ 34, 91.726,

Harmonies

Complementary

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



68, 25.286, 279.250



78, 25.029, 91.008

Rectangle

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



68, 25.286, 279.250



68, 25.286, 329.250



68, 25.286, 99.250



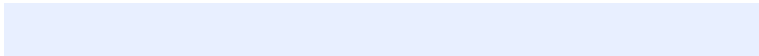
68, 25.286, 149.250

Sweetspot

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



68, 25.285, 279.249



94, 8.690, 275.935



80, 24.228, 173.011



49, 6.047, 276.133



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 25.285, 279.249



77, 35.783, 280.518



64, 35.515, 300.478



41, 4.665, 275.976



27, 76.460, 298.816



4, 20.595, 285.130

Inverse Universe

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



68, 26.333, 0.290



77, 37.301, 1.257



82, 33.216, 115.944



41, 4.778, 357.799



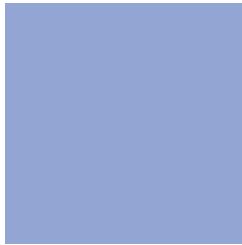
35, 64.536, 21.965



4, 20.443, 6.267

Previews

White Background



This preview shows how the CIELCh color 68, 25.286, 279.250 looks on a white background.

Color Contrast Check

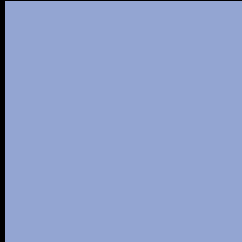
Large Text (above 18pt) WCAG AA × Fail

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 68, 25.286, 279.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

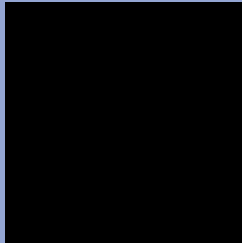
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

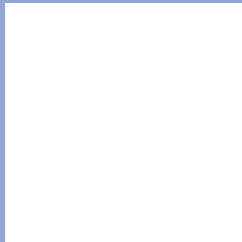
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 25.286, 279.250

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.286, 279.250.



This preview shows how white text looks on a background with the CIELCh color 68, 25.286, 279.250.

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

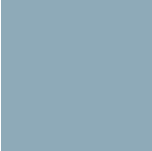
68, 25.286, 279.250

Protanopia

68, 24.922, 285.032

Deuteranopia

68, 27.030, 290.077



Tritanopia
68, 12.229, 238.079

Trichromacy



Original Color
68, 25.286, 279.250

Protanomaly
68, 25.016, 282.810

Deuteranomaly
68, 26.549, 286.432

Tritanomaly
68, 16.234, 261.463

Monochromacy



Original Color
68, 25.286, 279.250

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.573, 278.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.286, 279.250 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(147, 165, 210)` looks like.

```
.text, #text, p{  
    color:rgb(147, 165, 210)  
}
```

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(147, 165, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 165, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.286, 279.250 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(147, 165, 210) }
```

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

```
.border{ border-color:rgb(147, 165, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 165, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 165, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 165, 210);  
box-shadow:4px 4px 4px 4px rgb(147, 165,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.286, 279.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 165, 210) }
```

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

```
.background{ background-color: rgb(147,  
165, 210) }
```

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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