

Converting Colors

CIELCh(68, 25.757, 280.306)

Have a look what the booklet for
CIELCh(68, 25.757, 280.306)
contains.

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Color

CIELCh(68, 25.757, 280.306)

Conversions

Conversions Part 1

Format	Color
Hex	94A5D3
RGB	148, 165, 211
RGB Percent	58%, 65%, 83%
CMY	0.4191, 0.3524, 0.1720
CMYK	0.30, 0.22, 0.00, 0.17
HSL	224°, 42%, 70%
HSV	224°, 30%, 83%
XYZ	37.4869, 37.9720, 67.0674
YIQ	165.1610, -24.8980, 10.7020

Conversions

Conversions Part 2

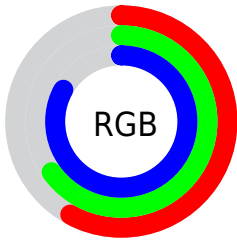
Format	Color
RYB	148, 161, 211
Decimal	9741779
CIELab	68.00, 4.61, -25.34
CIELCh	68, 25.757, 280.306
Yxy	37.9720, 0.2630, 0.2664
Android (android.graphics.Color)	4287931859 (0xFF94A5D3)
YUV	165.1610, 22.5986, -15.0502
Hunter-Lab	61.6215, 0.7514, -21.3949

Details

The CIELCh color `68, 25.757, 280.306` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 25.368, 92.184`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 18.978, 274.579`, and `48, 25.804, 280.256` is the 20% darker color. If you saturate the color by 10%, you get `62, 34.814, 282.305`, and if you desaturate by 10%, it is `74, 16.925, 278.595`.

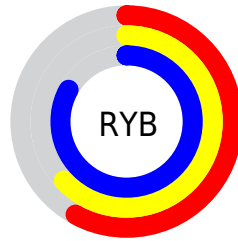
Distribution



Red (58%)

Green (65%)

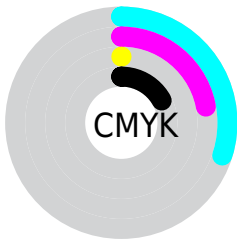
Blue (83%)



Red (58%)

Yellow (63%)

Blue (83%)

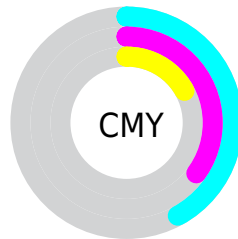


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (17%)



Cyan (42%)


Magenta (35%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.757, 280.306 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, 25.757, 280.306 by changing the saturation by 10% instead.


 68, 25.757,
280.306


 68, 25.757,
280.306


 100, 25.757,
280.306


 58, 25.757,
280.306


 88, 25.757,
280.306

 48, 25.757,
280.306

 98, 25.757,
280.306

 38, 25.757,
280.306

 28, 25.757,
280.306

 18, 25.757,
280.306

 8, 25.757, 280.306

 0, 25.757, 280.306

68, 25.757,
280.306

68, 25.757,
280.306

62, 34.814,
282.305

74, 16.925,
278.595

57, 44.128,
284.631

79, 8.304, 277.141

85, 0.123, 94.170

52, 53.729,
287.304

90, 8.362, 94.744

46, 63.635,
290.307

96, 16.421, 93.813

42, 73.800,
293.557

99, 22.161,
108.499

37, 84.021,
296.889

33, 93.851,
300.004

33, 94.002,

Harmonies

Complementary

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



68, 25.757, 280.306



79, 25.368, 92.184

Rectangle

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



68, 25.757, 280.306



68, 25.757, 330.306



68, 25.757, 100.306



68, 25.757, 150.306

Sweetspot

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



68, 25.756, 280.305



94, 8.844, 277.043



80, 23.933, 174.199



49, 6.155, 277.238



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, 25.756, 280.305



77, 36.506, 281.579



65, 35.520, 301.027



41, 4.748, 277.083



26, 78.169, 299.542



4, 20.874, 285.714

Inverse Universe

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



68, 26.166, 1.411



77, 37.128, 2.402



82, 33.262, 116.649



41, 4.742, 358.919



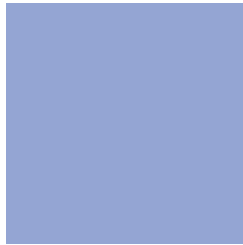
35, 65.065, 23.348



4, 20.392, 7.026

Previews

White Background



This preview shows how the CIELCh color 68, 25.757, 280.306 looks on a white background.

Color Contrast Check

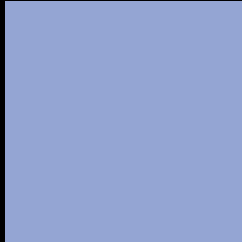
Large Text (above 18pt) WCAG AA × Fail

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, 25.757, 280.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

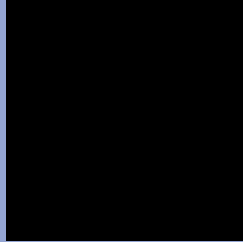
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

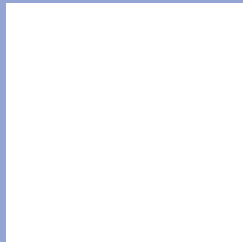
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 25.757, 280.306

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.757, 280.306.



This preview shows how white text looks on a background with the CIELCh color 68, 25.757, 280.306.

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

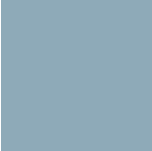
68, 25.757, 280.306

Protanopia

68, 25.465, 285.269

Deuteranopia

68, 27.589, 289.517



Tritanopia
68, 12.229, 238.079

Trichromacy



Original Color
68, 25.757, 280.306

Protanomaly
68, 25.539, 283.833

Deuteranomaly
68, 27.093, 286.631

Tritanomaly
68, 16.234, 261.463

Monochromacy



Original Color
68, 25.757, 280.306

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, 25.757, 280.306 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, 165, 211)` looks like.

```
.text, #text, p{  
    color:rgb(148, 165, 211)  
}
```

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, 165, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 165, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.757, 280.306 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, 165, 211) }
```

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

```
.border{ border-color:rgb(148, 165, 211) }
```

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

Here you see how a box with a 4 pixel rgb(148, 165, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 165, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 165, 211);  
box-shadow:4px 4px 4px 4px rgb(148, 165,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.757, 280.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 165, 211) }
```

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

```
.background{ background-color: rgb(148,  
165, 211) }
```

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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