

Converting Colors

CIELCh(68, 16.409, 280.543)

Have a look what the booklet for
CIELCh(68, 16.409, 280.543)
contains.

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Color

CIELCh(68, 16.743, 281.145)

Conversions

Conversions Part 1

Format	Color
Hex	9CA5C3
RGB	156, 165, 195
RGB Percent	61%, 65%, 76%
CMY	0.3878, 0.3525, 0.2349
CMYK	0.20, 0.15, 0.00, 0.23
HSL	226°, 25%, 69%
HSV	226°, 20%, 77%
XYZ	37.0677, 37.9720, 57.0701
YIQ	165.7290, -14.9940, 7.4220

Conversions

Conversions Part 2

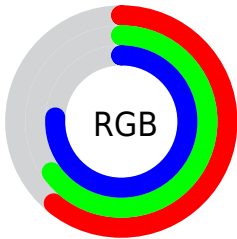
Format	Color
R _Y B	156, 163, 195
Decimal	10266051
CIE Lab	68.00, 3.24, -16.43
CIE LCh	68, 16.743, 281.145
Yxy	37.9720, 0.2806, 0.2874
Android (android.graphics.Color)	4288456131 (0xFF9CA5C3)
YUV	165.7290, 14.4306, -8.5323
Hunter-Lab	61.6215, -0.4627, -11.7758

Details

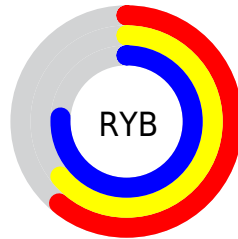
The CIELCh color $68, 16.743, 281.145$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $76, 16.463, 96.135$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 16.915, 281.323$, and $48, 16.739, 281.258$ is the 20% darker color. If you saturate the color by 10%, you get $63, 25.462, 282.799$, and if you desaturate by 10%, it is $73, 8.260, 279.730$.

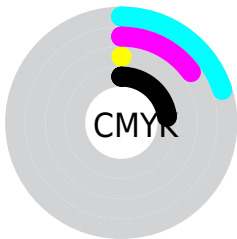
Distribution



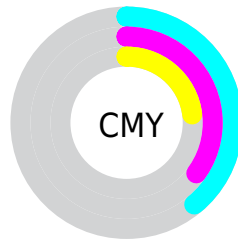
- Red (61%)
- Green (65%)
- Blue (76%)



- Red (61%)
- Yellow (64%)
- Blue (76%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)





- Cyan (39%)
- Magenta (35%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 16.743, 281.145 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, 16.743, 281.145 by changing the saturation by 10% instead.


 68, 16.743,
281.145


 68, 16.743,
281.145


 100, 16.743,
281.145


 58, 16.743,
281.145


 88, 16.743,
281.145

 48, 16.743,
281.145

 98, 16.743,
281.145

 38, 16.743,
281.145

 28, 16.743,
281.145

 18, 16.743,
281.145

 8, 16.743, 281.145

 0, 16.743, 281.145

68, 16.743,
281.145

68, 16.743,
281.145

63, 25.462,
282.799

73, 8.260, 279.730

57, 34.443,
284.736

79, 0.003, 357.413

84, 8.050, 97.414

52, 43.713,
286.984

90, 15.901, 96.510

47, 53.298,
289.560

95, 23.561, 95.716

99, 30.171,
107.884

42, 63.194,
292.437

37, 73.304,
295.523

33, 83.326,
298.638

29, 92.677,

301.464

■ 29, 92.686,
301.466

Harmonies

Complementary

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



68, 16.743, 281.145



76, 16.463, 96.135

Rectangle

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



68, 16.743, 281.145



68, 16.743, 331.145



68, 16.743, 101.145



68, 16.743, 151.145

Sweetspot

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



68, 16.742, 281.142



95, 6.089, 279.246



76, 14.822, 178.918



51, 4.075, 279.326



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, 16.742, 281.142



83, 24.924, 281.836



66, 22.005, 301.890



38, 4.659, 279.650



23, 79.187, 301.050



2, 16.367, 283.997

Inverse Universe

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



68, 15.919, 2.950



83, 23.784, 3.500



77, 21.144, 119.333



38, 4.379, 1.748



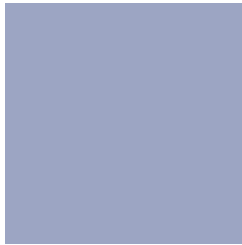
33, 64.185, 26.397



3, 14.376, 7.013

Previews

White Background



This preview shows how the CIELCh color 68, 16.743, 281.145 looks on a white background.

Color Contrast Check

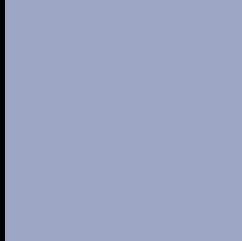
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 16.743, 281.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

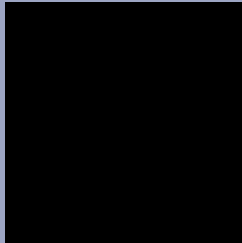
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 16.743, 281.145

Background



This preview shows how black text looks on a background with the CIELCh color 68, 16.743, 281.145.



This preview shows how white text looks on a background with the CIELCh color 68, 16.743, 281.145.

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

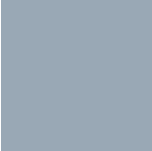
68, 16.743, 281.145

Protanopia

68, 16.569, 287.025

Deuteranopia

68, 18.879, 297.388



Tritanopia
68, 8.831, 253.517

Trichromacy



Original Color
68, 16.743, 281.145

Protanomaly
68, 16.594, 285.835

Deuteranomaly
68, 18.205, 292.017

Tritanomaly
68, 11.315, 267.293

Monochromacy



Original Color
68, 16.743, 281.145

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.208, 277.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 16.743, 281.145 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(156, 165, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 165, 195)  
}
```

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(156, 165, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 165, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 16.743, 281.145 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(156, 165, 195) }
```

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

```
.border{ border-color:rgb(156, 165, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 165, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 165, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 165, 195);  
box-shadow:4px 4px 4px 4px rgb(156, 165,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 16.743, 281.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 165, 195) }
```

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

```
.background{ background-color: rgb(156,  
165, 195) }
```

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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