

Converting Colors

CIELCh(68, 19.395, 274.876)

Have a look what the booklet for
CIELCh(68, 19.395, 274.876)
contains.

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Color

CIELCh(68, 19.412, 274.907)

Conversions

Conversions Part 1

Format	Color
Hex	95A6C8
RGB	149, 166, 200
RGB Percent	58%, 65%, 78%
CMY	0.4146, 0.3479, 0.2146
CMYK	0.25, 0.17, 0.00, 0.21
HSL	220°, 32%, 69%
HSV	220°, 25%, 79%
XYZ	36.5901, 37.9720, 60.2198
YIQ	164.7930, -21.0460, 6.9700

Conversions

Conversions Part 2

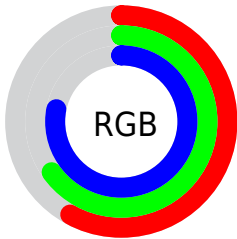
Format	Color
R _Y B	149, 162, 200
Decimal	9807560
CIE Lab	68.00, 1.66, -19.34
CIE LCh	68, 19.412, 274.907
Yxy	37.9720, 0.2715, 0.2817
Android (android.graphics.Color)	4287997640 (0xFF95A6C8)
YUV	164.7930, 17.3571, -13.8505
Hunter-Lab	61.6215, -1.8463, -14.8063

Details

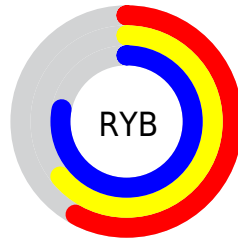
The CIELCh color $68, 19.412, 274.907$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 19.522, 87.883$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 18.470, 274.014$, and $48, 19.550, 275.217$ is the 20% darker color. If you saturate the color by 10%, you get $63, 27.250, 276.839$, and if you desaturate by 10%, it is $73, 11.699, 273.256$.

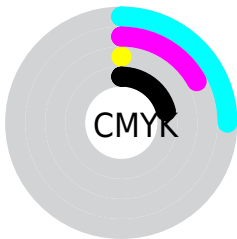
Distribution



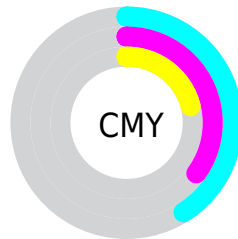
- Red (58%)
- Green (65%)
- Blue (78%)



- Red (58%)
- Yellow (64%)
- Blue (78%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (41%)
- Magenta (35%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 19.412, 274.907 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, 19.412, 274.907 by changing the saturation by 10% instead.


 68, 19.412,
274.907

 68, 19.412,
274.907


 100, 19.412,
274.907


 58, 19.412,
274.907


 88, 19.412,
274.907

 48, 19.412,
274.907

 98, 19.412,
274.907

 38, 19.412,
274.907

 28, 19.412,
274.907

 18, 19.412,
274.907

 8, 19.412, 274.907

 0, 19.412, 274.907

68, 19.412,
274.907

68, 19.412,
274.907

63, 27.250,
276.839

73, 11.699,
273.256

58, 35.231,
279.100

78, 4.108, 271.875

83, 3.362, 90.522

53, 43.380,
281.724

88, 10.713, 89.514

49, 51.731,
284.722

93, 17.941, 88.602

44, 60.315,
288.064

97, 23.645,
100.443

40, 69.120,
291.644

99, 27.591,
108.082

36, 78.019,
295.277

34, 82.027,

296.806

Harmonies

Complementary

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



68, 19.412, 274.907



75, 19.522, 87.883

Rectangle

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



68, 19.412, 274.907



68, 19.412, 324.907



68, 19.412, 94.907



68, 19.412, 144.907

Sweetspot

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



68, 19.411, 274.905



95, 7.323, 272.210



77, 20.408, 171.240



50, 5.210, 272.415



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, 19.411, 274.905



81, 28.881, 276.023



64, 28.699, 298.881



39, 4.246, 272.380



28, 69.367, 296.255



3, 16.655, 280.945

Inverse Universe

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



67, 21.791, 356.346



80, 32.506, 357.137



79, 27.110, 114.864



39, 4.697, 354.514



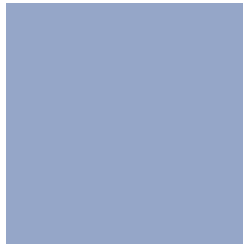
34, 61.750, 17.470



4, 16.668, 2.528

Previews

White Background



This preview shows how the CIELCh color 68, 19.412, 274.907 looks on a white background.

Color Contrast Check

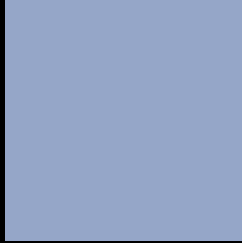
Large Text (above 18pt) WCAG AA × Fail

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, 19.412, 274.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

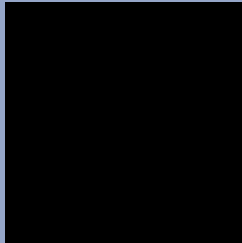
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 19.412, 274.907

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.412, 274.907.

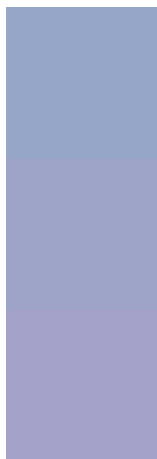


This preview shows how white text looks on a background with the CIELCh color 68, 19.412, 274.907.

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, 19.412, 274.907

Protanopia

68, 19.354, 286.025

Deuteranopia

68, 21.548, 294.171



Tritanopia
68, 11.001, 243.647

Trichromacy



Original Color
68, 19.412, 274.907

Protanomaly
68, 18.950, 281.694

Deuteranomaly
68, 20.422, 287.435

Tritanomaly
68, 13.468, 258.650

Monochromacy



Original Color
68, 19.412, 274.907

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.451, 273.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.412, 274.907 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(149, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 200)  
}
```

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(149, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.412, 274.907 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(149, 166, 200) }
```

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

```
.border{ border-color:rgb(149, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 166, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 166, 200); box-shadow:4px 4px 4px 4px rgb(149, 166, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.412, 274.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 200) }
```

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

```
.background{ background-color: rgb(149,  
166, 200) }
```

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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