

Converting Colors

CIELCh(69, 19.286, 277.222)

Have a look what the booklet for
CIELCh(69, 19.286, 277.222)
contains.

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Color

CIELCh(69, 19.664, 278.193)

Conversions

Conversions Part 1

Format	Color
Hex	9AA8CB
RGB	154, 168, 203
RGB Percent	60%, 66%, 80%
CMY	0.3949, 0.3400, 0.2027
CMYK	0.24, 0.17, 0.00, 0.20
HSL	223°, 32%, 70%
HSV	223°, 24%, 80%
XYZ	38.2603, 39.3444, 62.2748
YIQ	167.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

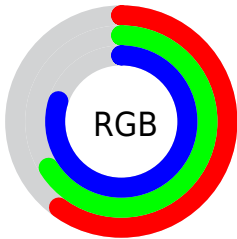
Format	Color
RYB	154, 165, 203
Decimal	10135755
CIELab	69.00, 2.80, -19.46
CIELCh	69, 19.664, 278.193
Yxy	39.3444, 0.2735, 0.2813
Android (android.graphics.Color)	4288325835 (0xFF9AA8CB)
YUV	167.8040, 17.3516, -12.1061
Hunter-Lab	62.7251, -0.8896, -14.9568

Details

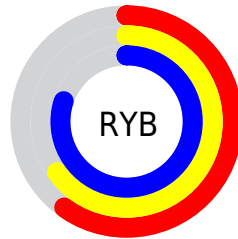
The CIELCh color $69, 19.664, 278.193$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 19.513, 91.764$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.199, 275.898$, and $49, 19.819, 278.538$ is the 20% darker color. If you saturate the color by 10%, you get $64, 28.128, 280.032$, and if you desaturate by 10%, it is $74, 11.386, 276.620$.

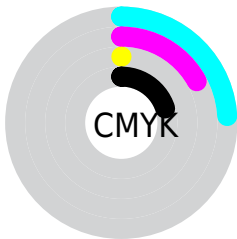
Distribution



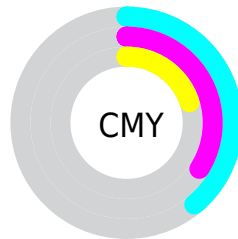
- Red (60%)
- Green (66%)
- Blue (80%)



- Red (60%)
- Yellow (65%)
- Blue (80%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 19.664, 278.193 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 69, 19.664, 278.193 by changing the saturation by 10% instead.

■ 69, 19.664,
278.193

■ 69, 19.664,
278.193

■ 100, 19.664,
278.193

■ 59, 19.664,
278.193

■ 89, 19.664,
278.193

■ 49, 19.664,
278.193

■ 99, 19.664,
278.193

■ 39, 19.664,
278.193

■ 29, 19.664,
278.193

■ 19, 19.664,
278.193

■ 9, 19.664, 278.193

■ 0, 19.664, 278.193

69, 19.664,
278.193

69, 19.664,
278.193

64, 28.128,
280.032

74, 11.386,
276.620

58, 36.803,
282.182

80, 3.285, 275.312

85, 4.647, 94.035

53, 45.715,
284.674

90, 12.415, 93.053

48, 54.895,
287.518

95, 19.921, 93.192

43, 64.355,
290.677

99, 26.077,
108.198

39, 74.027,
294.044

35, 83.675,
297.425

33, 89.187,

299.259

Harmonies

Complementary

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



69, 19.664, 278.193



77, 19.513, 91.764

Rectangle

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



69, 19.664, 278.193



69, 19.664, 328.193



69, 19.664, 98.193



69, 19.664, 148.193

Sweetspot

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



69, 19.663, 278.191



96, 6.746, 275.668



78, 19.145, 173.654



50, 4.386, 275.745



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 19.663, 278.191



81, 28.593, 279.127



66, 27.489, 299.904



40, 4.570, 275.966



26, 75.503, 298.772



3, 18.978, 284.026

Inverse Universe

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



69, 20.420, 359.492



81, 29.776, 0.197



80, 26.088, 116.349



40, 4.681, 357.791



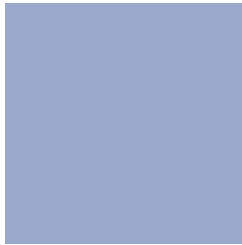
35, 63.784, 21.883



4, 18.493, 5.605

Previews

White Background



This preview shows how the CIELCh color 69, 19.664, 278.193 looks on a white background.

Color Contrast Check

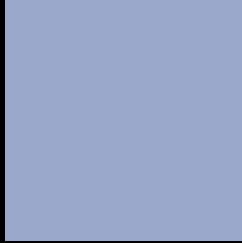
Large Text (above 18pt) WCAG AA × Fail

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 69, 19.664, 278.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

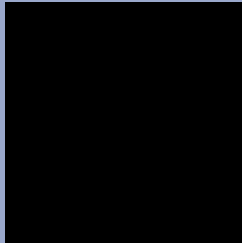
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 19.664, 278.193

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.664, 278.193.



This preview shows how white text looks on a background with the CIELCh color 69, 19.664, 278.193.

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

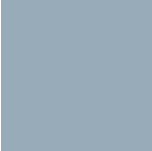
69, 19.664, 278.193

Protanopia

69, 19.290, 285.984

Deuteranopia

69, 21.477, 294.139



Tritanopia
69, 10.286, 247.622

Trichromacy



Original Color
69, 19.664, 278.193

Protanomaly
69, 19.358, 283.994

Deuteranomaly
69, 20.905, 288.521

Tritanomaly
69, 13.433, 263.689

Monochromacy



Original Color
69, 19.664, 278.193

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.337, 276.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.664, 278.193 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(154, 168, 203)` looks like.

```
.text, #text, p{  
    color:rgb(154, 168, 203)  
}
```

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(154, 168, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 168, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.664, 278.193 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(154, 168, 203) }
```

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

```
.border{ border-color:rgb(154, 168, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 168, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 168, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 168, 203);  
box-shadow:4px 4px 4px 4px rgb(154, 168,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.664, 278.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 168, 203) }
```

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

```
.background{ background-color: rgb(154,  
168, 203) }
```

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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