

Converting Colors

CIELCh(69, 15.584, 278.998)

Have a look what the booklet for
CIELCh(69, 15.584, 278.998)
contains.

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Color

CIELCh(69, 15.680, 278.959)

Conversions

Conversions Part 1

Format	Color
Hex	9EA8C4
RGB	158, 168, 196
RGB Percent	62%, 66%, 77%
CMY	0.3797, 0.3405, 0.2307
CMYK	0.19, 0.14, 0.00, 0.23
HSL	224°, 24%, 69%
HSV	224°, 19%, 77%
XYZ	38.1483, 39.3444, 57.9082
YIQ	168.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

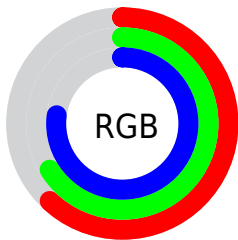
Format	Color
R _Y B	158, 166, 196
Decimal	10397892
CIE Lab	69.00, 2.44, -15.49
CIE LCh	69, 15.680, 278.959
Yxy	39.3444, 0.2817, 0.2906
Android (android.graphics.Color)	4288587972 (0xFF9EA8C4)
YUV	168.2020, 13.7044, -8.9472
Hunter-Lab	62.7251, -1.2083, -10.8293

Details

The CIELCh color $69, 15.680, 278.959$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 15.515, 93.996$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.911, 279.329$, and $49, 15.589, 278.834$ is the 20% darker color. If you saturate the color by 10%, you get $64, 24.058, 280.634$, and if you desaturate by 10%, it is $74, 7.501, 277.527$.

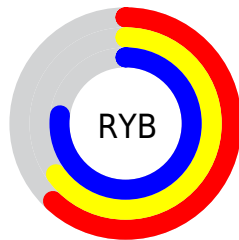
Distribution



Red (62%)

Green (66%)

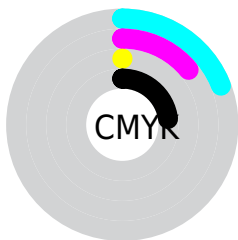
Blue (77%)



Red (62%)

Yellow (65%)

Blue (77%)

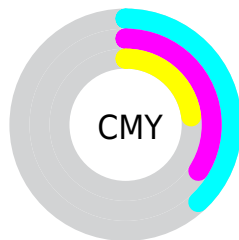


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 15.680, 278.959 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, 15.680, 278.959 by changing the saturation by 10% instead.

■ 69, 15.680,
278.959

■ 69, 15.680,
278.959

■ 100, 15.680,
278.959

■ 59, 15.680,
278.959

■ 89, 15.680,
278.959

■ 49, 15.680,
278.959

■ 99, 15.680,
278.959

■ 39, 15.680,
278.959

■ 29, 15.680,
278.959

■ 19, 15.680,
278.959

■ 9, 15.680, 278.959

■ 0, 15.680, 278.959

69, 15.680,
278.959

69, 15.680,
278.959

64, 24.058,
280.634

74, 7.501, 277.527

58, 32.658,
282.596

80, 0.487, 95.869

53, 41.505,
284.878

85, 8.294, 95.170

48, 50.628,
287.500

90, 15.926, 94.251

43, 60.043,
290.447

95, 23.267, 94.585

39, 69.706,
293.644

99, 29.593,
107.848

34, 79.427,
296.928

99, 29.644,
107.924

31, 88.784,

300.013

■ 30, 89.348,
300.184

Harmonies

Complementary

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



69, 15.680, 278.959



76, 15.515, 93.996

Rectangle

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



69, 15.680, 278.959



69, 15.680, 328.959



69, 15.680, 98.959



69, 15.680, 148.959

Sweetspot

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



69, 15.679, 278.956



96, 5.923, 277.114



76, 14.728, 176.519



51, 3.931, 277.195



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, 15.679, 278.956



85, 23.140, 279.593



67, 21.326, 300.659



38, 4.492, 277.526



24, 75.942, 299.718



3, 15.955, 282.777

Inverse Universe

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



69, 15.658, 0.511



85, 23.183, 1.002



78, 20.489, 118.033



38, 4.440, 359.386



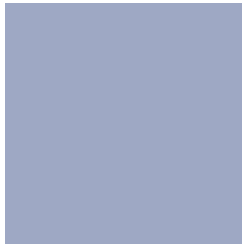
33, 63.006, 23.690



3, 14.481, 5.344

Previews

White Background



This preview shows how the CIELCh color 69, 15.680, 278.959 looks on a white background.

Color Contrast Check

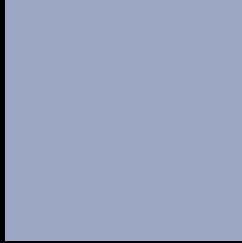
Large Text (above 18pt) WCAG AA × Fail

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, 15.680, 278.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

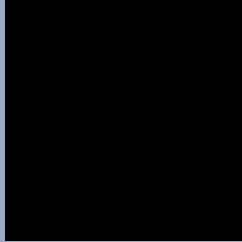
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.680, 278.959

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.680, 278.959.



This preview shows how white text looks on a background with the CIELCh color 69, 15.680, 278.959.

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

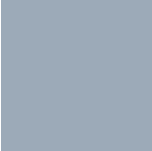
69, 15.680, 278.959

Protanopia

69, 15.422, 286.514

Deuteranopia

69, 18.377, 299.685



Tritanopia
69, 9.060, 257.514

Trichromacy



Original Color
69, 15.680, 278.959

Protanomaly
69, 15.486, 283.957

Deuteranomaly
69, 17.047, 291.881

Tritanomaly
69, 11.165, 268.909

Monochromacy



Original Color
69, 15.680, 278.959

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.663, 275.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.680, 278.959 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(158, 168, 196)` looks like.

```
.text, #text, p{  
    color:rgb(158, 168, 196)  
}
```

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(158, 168, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 168, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.680, 278.959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

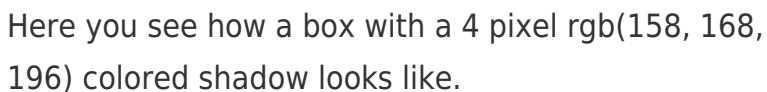
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 168, 196) }
```

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

```
.border{ border-color:rgb(158, 168, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 168, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 168, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 168, 196); box-shadow:4px 4px 4px 4px rgb(158, 168, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.680, 278.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 168, 196) }
```

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

```
.background{ background-color: rgb(158,  
168, 196) }
```

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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