

Converting Colors

CIELCh(69, 17.582, 269.190)

Have a look what the booklet for
CIELCh(69, 17.582, 269.190)
contains.

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Color

CIELCh(69, 17.599, 269.211)

Conversions

Conversions Part 1

Format	Color
Hex	96AAC8
RGB	150, 170, 200
RGB Percent	59%, 67%, 78%
CMY	0.4122, 0.3338, 0.2161
CMYK	0.25, 0.15, 0.00, 0.22
HSL	216°, 31%, 69%
HSV	216°, 25%, 78%
XYZ	37.3215, 39.3444, 60.1984
YIQ	167.4400, -21.5500, 5.0900

Conversions

Conversions Part 2

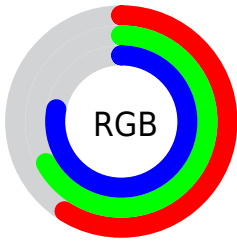
Format	Color
R_{YB}	150, 164, 200
Decimal	9874120
CIE Lab	69.00, -0.24, -17.60
CIE LCh	69, 17.599, 269.211
Yxy	39.3444, 0.2727, 0.2875
Android (android.graphics.Color)	4288064200 (0xFF96AAC8)
YUV	167.4400, 16.0521, -15.2949
Hunter-Lab	62.7251, -3.5612, -12.9941

Details

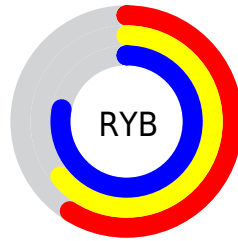
The CIELCh color `69, 17.599, 269.211` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `74, 18.094, 82.171`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 16.787, 268.317`, and `49, 17.590, 269.055` is the 20% darker color. If you saturate the color by 10%, you get `64, 24.703, 271.189`, and if you desaturate by 10%, it is `74, 10.532, 267.528`.

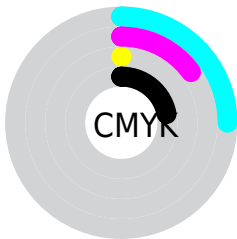
Distribution



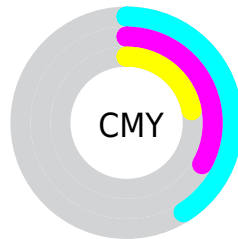
- Red (59%)
- Green (67%)
- Blue (78%)



- Red (59%)
- Yellow (64%)
- Blue (78%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)





- Cyan (41%)
- Magenta (33%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 17.599, 269.211 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, 17.599, 269.211 by changing the saturation by 10% instead.


 69, 17.599,
269.211


 69, 17.599,
269.211


 100, 17.599,
269.211


 59, 17.599,
269.211


 89, 17.599,
269.211

 49, 17.599,
269.211

 99, 17.599,
269.211

 39, 17.599,
269.211

 29, 17.599,
269.211

 19, 17.599,
269.211

 9, 17.599, 269.211

 0, 17.599, 269.211

■ 69, 17.599,
269.211

■ 69, 17.599,
269.211

■ 64, 24.703,
271.189

■ 74, 10.532,
267.528

■ 60, 31.849,
273.517

■ 78, 3.509, 266.138

■ 83, 3.461, 84.733

■ 55, 39.052,
276.235

■ 87, 10.370, 83.718

■ 51, 46.345,
279.367

■ 92, 17.208, 82.800

■ 47, 53.777,
282.897

■ 96, 21.970, 95.364

■ 99, 27.233,
107.175

■ 43, 61.395,
286.744

■ 99, 27.793,
108.067

■ 39, 69.202,
290.741

■ 38, 73.158,

Harmonies

Complementary

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



69, 17.599, 269.211



74, 18.094, 82.171

Rectangle

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



69, 17.599, 269.211



69, 17.599, 319.211



69, 17.599, 89.211



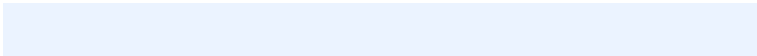
69, 17.599, 139.211

Sweetspot

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



69, 17.598, 269.208



95, 6.827, 266.531



77, 21.275, 166.053



50, 4.853, 266.739



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, 17.598, 269.208



83, 25.760, 270.242



64, 28.000, 295.962



40, 3.956, 266.703



31, 61.956, 292.020



4, 15.631, 277.472

Inverse Universe

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



67, 22.069, 351.888



81, 32.413, 352.552



79, 26.415, 111.363



39, 4.880, 350.205



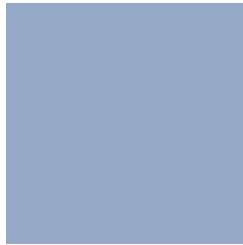
34, 60.677, 11.127



4, 17.047, 358.883

Previews

White Background



This preview shows how the CIELCh color 69, 17.599, 269.211 looks on a white background.

Color Contrast Check

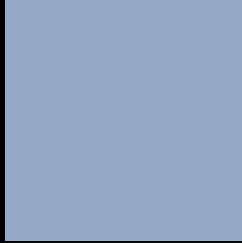
Large Text (above 18pt) WCAG AA × Fail

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 69, 17.599, 269.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

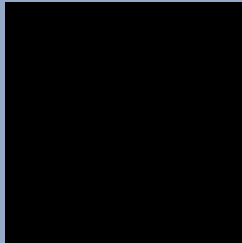
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

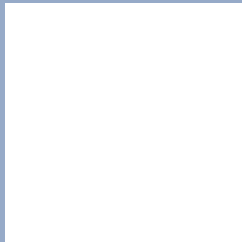
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.599, 269.211

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.599, 269.211.



This preview shows how white text looks on a background with the CIELCh color 69, 17.599, 269.211.

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

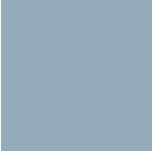
69, 17.599, 269.211

Protanopia

69, 17.084, 286.061

Deuteranopia

69, 20.447, 296.093



Tritanopia
69, 11.459, 241.229

Trichromacy



Original Color
69, 17.599, 269.211

Protanomaly
69, 17.282, 280.413

Deuteranomaly
69, 19.286, 287.001

Tritanomaly
69, 13.349, 254.735

Monochromacy



Original Color
69, 17.599, 269.211

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.515, 267.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.599, 269.211 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(150, 170, 200)` looks like.

```
.text, #text, p{  
    color:rgb(150, 170, 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(150, 170, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 170, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.599, 269.211 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(150, 170, 200) }
```

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

```
.border{ border-color:rgb(150, 170, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 170, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 170, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 170, 200);  
box-shadow:4px 4px 4px 4px rgb(150, 170,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.599, 269.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 170, 200) }
```

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

```
.background{ background-color: rgb(150,  
170, 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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