

Converting Colors

CIELCh(69, 28.019, 213.498)

Have a look what the booklet for
CIELCh(69, 28.019, 213.498)
contains.

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Color

CIELCh(69, 28.019, 213.498)

Conversions

Conversions Part 1

Format	Color
Hex	59B5C3
RGB	89, 181, 195
RGB Percent	35%, 71%, 76%
CMY	0.6490, 0.2884, 0.2335
CMYK	0.54, 0.07, 0.00, 0.23
HSL	188°, 47%, 56%
HSV	188°, 54%, 77%
XYZ	30.6877, 39.3444, 57.8816
YIQ	155.0880, -59.3260, -15.1500

Conversions

Conversions Part 2

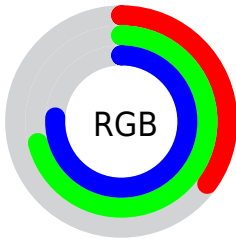
Format	Color
RYB	89, 138, 195
Decimal	5879235
CIELab	69.00, -23.37, -15.46
CIElCh	69, 28.019, 213.498
Yxy	39.3444, 0.2399, 0.3076
Android (android.graphics.Color)	4284069315 (0xFF59B5C3)
YUV	155.0880, 19.6766, -57.9592
Hunter-Lab	62.7251, -22.4394, -10.8042

Details

The CIELCh color **69, 28.019, 213.498** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **54, 42.862, 34.720**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 28.014, 214.112**, and **49, 28.042, 212.836** is the 20% darker color. If you saturate the color by 10%, you get **68, 31.132, 214.463**, and if you desaturate by 10%, it is **71, 24.133, 212.809**.

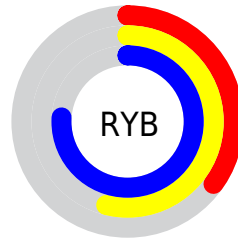
Distribution



Red (35%)

Green (71%)

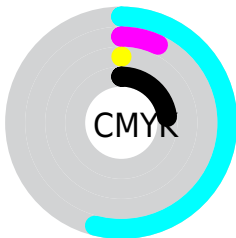
Blue (76%)



Red (35%)

Yellow (54%)

Blue (76%)

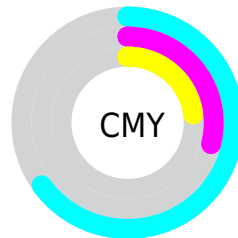


Cyan (54%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (65%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 28.019, 213.498 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, 28.019, 213.498 by changing the saturation by 10% instead.

 69, 28.019,
213.498

 69, 28.019,
213.498

 100, 28.019,
213.498

 59, 28.019,
213.498

 89, 28.019,
213.498

 49, 28.019,
213.498


 99, 28.019,
213.498

 39, 28.019,
213.498

 29, 28.019,
213.498

 19, 28.019,
213.498

 9, 28.019, 213.498

 0, 28.019, 213.498

69, 28.019,
213.498

69, 28.019,
213.498

68, 31.132,
214.463

71, 24.133,
212.809

66, 33.428,
215.763

72, 19.556,
212.352

65, 34.907,
217.451

74, 14.383,
212.084

64, 35.637,
219.576

76, 8.715, 211.979

64, 35.856,
220.948

78, 2.652, 212.109

80, 3.720, 31.835

83, 10.322, 32.075

85, 17.090, 32.296

86, 19.949, 34.641

Harmonies

Complementary

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



69, 28.019, 213.498



54, 42.862, 34.720

Rectangle

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



69, 28.019, 213.498



69, 28.019, 263.498



69, 28.019, 33.498



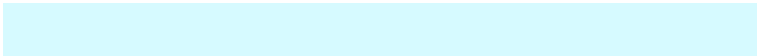
69, 28.019, 83.498

Sweetspot

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



69, 28.019, 213.496



96, 12.103, 211.988



71, 62.787, 143.003



51, 8.119, 212.004



0, 0.000, 0.000



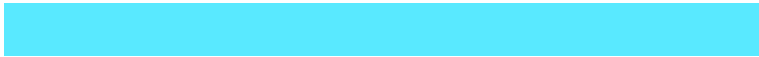
53, 0.007, 296.813

Same Dimension

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



69, 28.019, 213.496



86, 38.615, 214.673



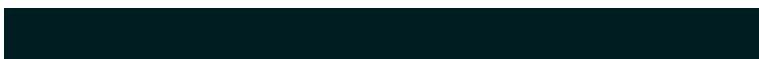
54, 38.682, 277.410



40, 3.499, 211.991



53, 31.028, 220.546



9, 10.835, 215.086

Inverse Universe

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



54, 61.586, 331.534



65, 87.844, 332.242



66, 40.370, 79.623



38, 6.597, 328.791



37, 73.843, 334.229



4, 21.386, 331.314

Previews

White Background



This preview shows how the CIE LCh color 69, 28.019, 213.498 looks on a white background.

Color Contrast Check

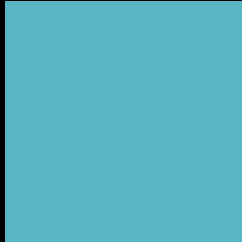
Large Text (above 18pt) WCAG AA × Fail

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, 28.019, 213.498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

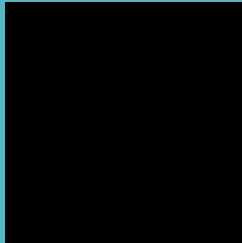
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.019, 213.498

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.019, 213.498.



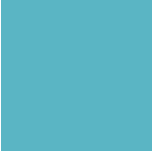
This preview shows how white text looks on a background with the CIELCh color 69, 28.019, 213.498.

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





Tritanopia
69, 27.864, 214.812

Trichromacy



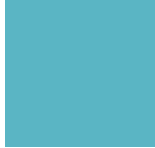
Original Color
69, 28.019, 213.498



Protanomaly
68, 14.628, 238.650



Deuteranomaly
68, 18.212, 257.176



Tritanomaly
69, 27.864, 214.812

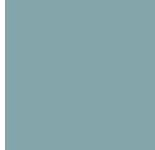
Monochromacy



Original Color
69, 28.019, 213.498



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 11.942, 211.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.019, 213.498 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(89, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(89, 181, 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(89, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 181, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.019, 213.498 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(89, 181, 195) }
```

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

```
.border{ border-color:rgb(89, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(89, 181,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.019, 213.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 181, 195) }
```

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

```
.background{ background-color: rgb(89, 181,  
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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