

Converting Colors

CIELCh(69, 29.651, 213.592)

Have a look what the booklet for
CIELCh(69, 29.651, 213.592)
contains.

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Color

CIELCh(69, 29.628, 213.618)

Conversions

Conversions Part 1

Format	Color
Hex	52B6C5
RGB	82, 182, 197
RGB Percent	32%, 71%, 77%
CMY	0.6779, 0.2858, 0.2269
CMYK	0.58, 0.08, 0.00, 0.23
HSL	188°, 50%, 55%
HSV	188°, 58%, 77%
XYZ	30.3381, 39.3444, 58.8947
YIQ	153.8100, -64.4150, -16.5350

Conversions

Conversions Part 2

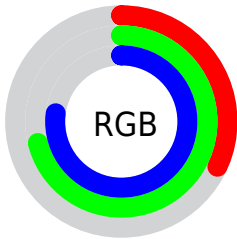
Format	Color
R_{YB}	82, 135, 197
Decimal	5420741
CIE _{Lab}	69.00, -24.67, -16.40
CIE _{LCh}	69, 29.628, 213.618
Yxy	39.3444, 0.2360, 0.3060
Android (android.graphics.Color)	4283610821 (0xFF52B6C5)
YUV	153.8100, 21.2927, -62.9774
Hunter-Lab	62.7251, -23.4342, -11.7618

Details

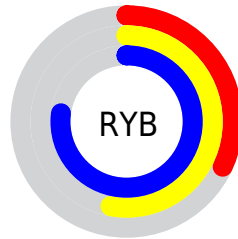
The CIELCh color **69, 29.628, 213.618** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **53, 47.165, 35.126**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 29.701, 214.126**, and **49, 29.106, 213.377** is the 20% darker color. If you saturate the color by 10%, you get **68, 32.425, 214.695**, and if you desaturate by 10%, it is **70, 26.027, 212.835**.

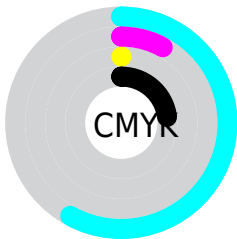
Distribution



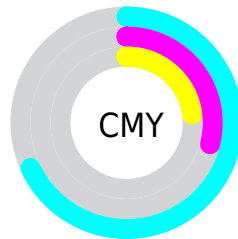
- Red (32%)
- Green (71%)
- Blue (77%)



- Red (32%)
- Yellow (53%)
- Blue (77%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)




- Cyan (68%)
- Magenta (29%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 29.628, 213.618 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, 29.628, 213.618 by changing the saturation by 10% instead.

 69, 29.628,
213.618

 69, 29.628,
213.618

 100, 29.628,
213.618


 59, 29.628,
213.618


 89, 29.628,
213.618

 49, 29.628,
213.618

 99, 29.628,
213.618

 39, 29.628,
213.618

 29, 29.628,
213.618

 19, 29.628,
213.618

 9, 29.628, 213.618

 0, 29.628, 213.618

69, 29.628,
213.618

69, 29.628,
213.618

68, 32.425,
214.695

70, 26.027,
212.835

67, 34.390,
216.127

72, 21.691,
212.302

65, 35.550,
217.964

74, 16.712,
211.971

65, 36.043,
220.215

76, 11.192,
211.810

64, 36.107,
220.605

78, 5.232, 211.817

80, 1.074, 31.252

82, 7.643, 31.818

85, 14.405, 32.038

87, 19.544, 33.206

Harmonies

Complementary

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



69, 29.628, 213.618



53, 47.165, 35.126

Rectangle

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



69, 29.628, 213.618



69, 29.628, 263.618



69, 29.628, 33.618



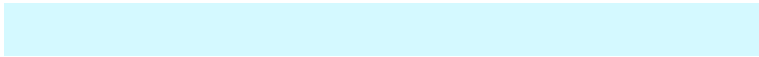
69, 29.628, 83.618

Sweetspot

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



69, 29.627, 213.616



96, 12.836, 211.802



71, 67.440, 142.475



50, 8.531, 211.819



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, 29.627, 213.616



85, 40.113, 215.051



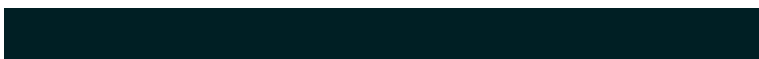
53, 42.001, 278.629



41, 3.579, 211.805



54, 31.409, 220.228



10, 11.538, 214.410

Inverse Universe

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



53, 65.963, 331.721



64, 92.401, 332.477



66, 43.848, 79.010



39, 6.748, 328.739



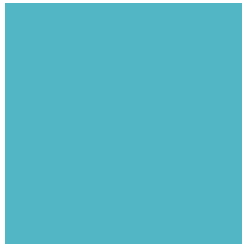
37, 74.791, 334.149



4, 23.878, 331.823

Previews

White Background



This preview shows how the CIELCh color 69, 29.628, 213.618 looks on a white background.

Color Contrast Check

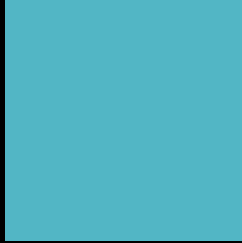
Large Text (above 18pt) WCAG AA × Fail

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, 29.628, 213.618 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, 29.628, 213.618

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.628, 213.618.

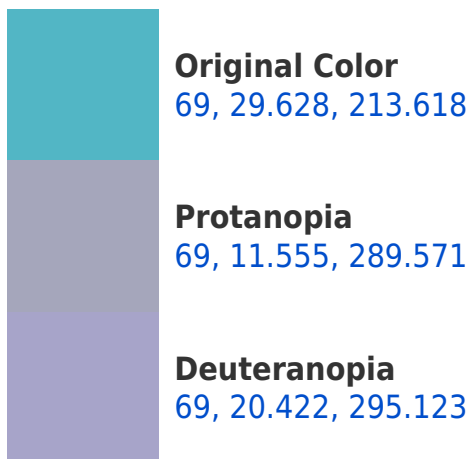


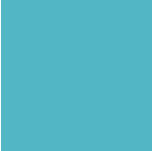
This preview shows how white text looks on a background with the CIELCh color 69, 29.628, 213.618.

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, 29.628, 213.618

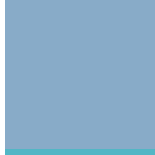
Trichromacy



Original Color
69, 29.628, 213.618



Protanomaly
68, 15.964, 239.807



Deuteranomaly
68, 19.294, 255.074



Tritanomaly
69, 29.628, 213.618

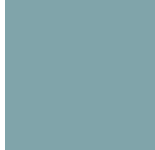
Monochromacy



Original Color
69, 29.628, 213.618



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 12.987, 213.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.628, 213.618 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(82, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(82, 182, 197)  
}
```

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(82, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 182, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.628, 213.618 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(82, 182, 197) }
```

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

```
.border{ border-color:rgb(82, 182, 197) }
```

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

Here you see how a box with a 4 pixel rgb(82, 182, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 182, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 182, 197);  
box-shadow:4px 4px 4px 4px rgb(82, 182,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.628, 213.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 182, 197) }
```

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

```
.background{ background-color: rgb(82, 182,  
197) }
```

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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