

Converting Colors

CIELCh(69, 27.270, 214.684)

Have a look what the booklet for
CIELCh(69, 27.270, 214.684)
contains.

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Color

CIELCh(69, 27.247, 215.260)

Conversions

Conversions Part 1

Format	Color
Hex	5DB5C4
RGB	93, 181, 196
RGB Percent	36%, 71%, 77%
CMY	0.6354, 0.2903, 0.2315
CMYK	0.53, 0.08, 0.00, 0.23
HSL	189°, 47%, 57%
HSV	189°, 53%, 77%
XYZ	30.9885, 39.3444, 58.1666
YIQ	156.3980, -57.2630, -13.9910

Conversions

Conversions Part 2

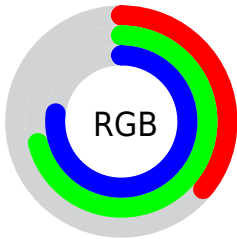
Format	Color
RYB	93, 140, 196
Decimal	6141380
CIELab	69.00, -22.25, -15.73
CIELCh	69, 27.247, 215.260
Yxy	39.3444, 0.2412, 0.3062
Android (android.graphics.Color)	4284331460 (0xFF5DB5C4)
YUV	156.3980, 19.5238, -55.6000
Hunter-Lab	62.7251, -21.5835, -11.0736

Details

The CIELCh color **69, 27.247, 215.260** 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 **55, 41.018, 35.564**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 27.369, 215.711**, and **49, 27.216, 214.742** is the 20% darker color. If you saturate the color by 10%, you get **68, 30.487, 216.318**, and if you desaturate by 10%, it is **71, 23.258, 214.494**.

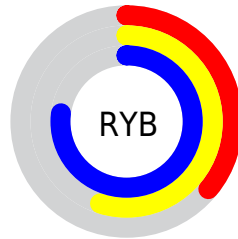
Distribution



Red (36%)

Green (71%)

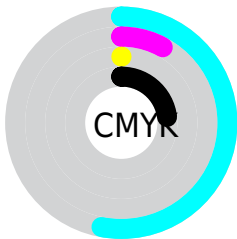
Blue (77%)



Red (36%)

Yellow (55%)

Blue (77%)

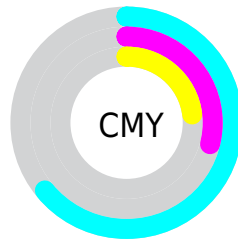


Cyan (53%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (64%)


Magenta (29%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 27.247, 215.260 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, 27.247, 215.260 by changing the saturation by 10% instead.


 69, 27.247,
215.260


 69, 27.247,
215.260


 100, 27.247,
215.260


 59, 27.247,
215.260


 89, 27.247,
215.260

 49, 27.247,
215.260

 99, 27.247,
215.260

 39, 27.247,
215.260

 29, 27.247,
215.260

 19, 27.247,
215.260

 9, 27.247, 215.260

 0, 27.247, 215.260

69, 27.247,
215.260

69, 27.247,
215.260

68, 30.487,
216.318

71, 23.258,
214.494

66, 32.925,
217.734

72, 18.601,
213.972

65, 34.558,
219.568

74, 13.375,
213.650

64, 35.443,
221.875

76, 7.678, 213.500

63, 35.778,
223.843

79, 1.605, 213.709

81, 4.759, 33.289

83, 11.340, 33.462

86, 18.076, 33.640

87, 19.422, 37.211

Harmonies

Complementary

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



69, 27.247, 215.260



55, 41.018, 35.564

Rectangle

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



69, 27.247, 215.260



69, 27.247, 265.260



69, 27.247, 35.260



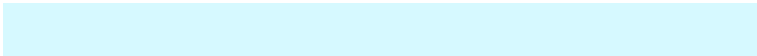
69, 27.247, 85.260

Sweetspot

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



69, 27.247, 215.258



96, 11.985, 213.535



71, 60.479, 143.693



51, 8.040, 213.566



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, 27.247, 215.258



86, 37.655, 216.497



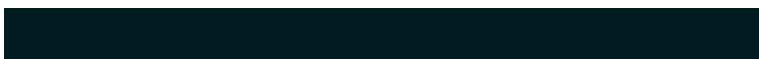
55, 38.434, 278.319



40, 3.464, 213.492



52, 30.892, 223.388



9, 10.718, 217.388

Inverse Universe

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



55, 59.552, 331.927



66, 85.113, 332.646



67, 39.550, 81.329



38, 6.535, 329.227



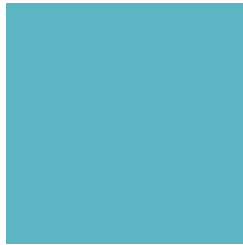
37, 73.085, 334.941



4, 21.110, 331.914

Previews

White Background



This preview shows how the CIE LCh color 69, 27.247, 215.260 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, 27.247, 215.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

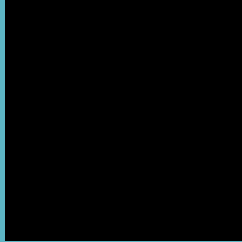
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.247, 215.260

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.247, 215.260.



This preview shows how white text looks on a background with the CIELCh color 69, 27.247, 215.260.

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](#).

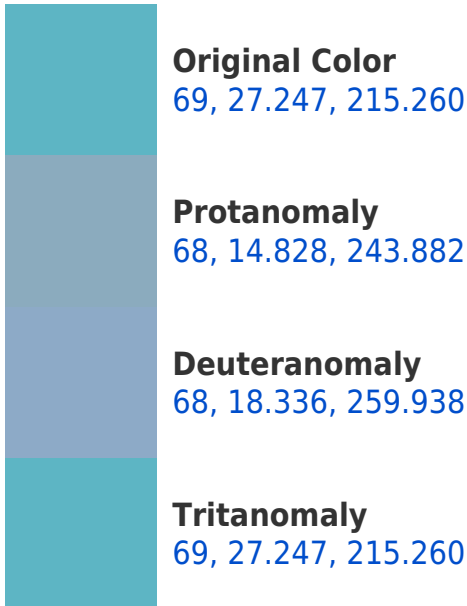
Dichromacy



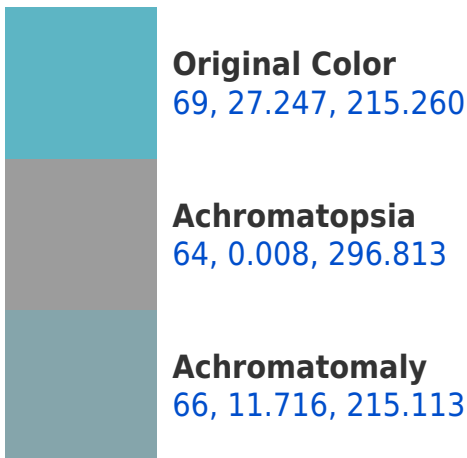


Tritanopia
69, 27.247, 215.260

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.247, 215.260 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(93, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(93, 181, 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(93, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 181, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.247, 215.260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

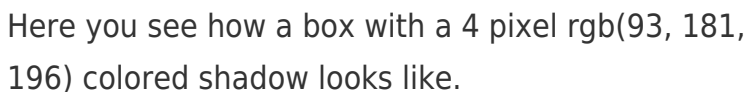
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 181, 196) }
```

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

```
.border{ border-color:rgb(93, 181, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 181, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 181, 196); box-shadow:4px 4px 4px 4px rgb(93, 181, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.247, 215.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 181, 196) }
```

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

```
.background{ background-color: rgb(93, 181,  
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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