

Converting Colors

CIELCh(69, 17.461, 216.625)

Have a look what the booklet for
CIELCh(69, 17.461, 216.625)
contains.

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Color

CIELCh(69, 17.453, 216.625)

Conversions

Conversions Part 1

Format	Color
Hex	7FB1BB
RGB	127, 177, 187
RGB Percent	50%, 69%, 73%
CMY	0.5034, 0.3074, 0.2682
CMYK	0.32, 0.05, 0.00, 0.27
HSL	190°, 30%, 61%
HSV	190°, 32%, 73%
XYZ	33.2685, 39.3444, 52.6342
YIQ	163.1900, -33.0100, -7.4900

Conversions

Conversions Part 2

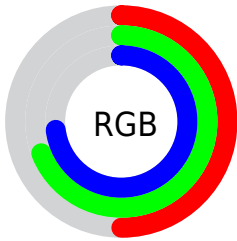
Format	Color
R _Y B	127, 154, 187
Decimal	8368571
CIE Lab	69.00, -14.01, -10.41
CIE LCh	69, 17.453, 216.625
Yxy	39.3444, 0.2656, 0.3141
Android (android.graphics.Color)	4286558651 (0xFF7FB1BB)
YUV	163.1900, 11.7383, -31.7386
Hunter-Lab	62.7251, -15.0950, -5.8442

Details

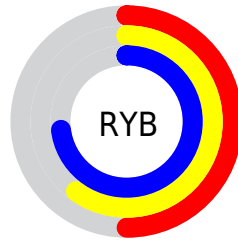
The CIELCh color **69, 17.453, 216.625** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 21.895, 36.004**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 17.627, 215.660**, and **49, 17.386, 217.735** is the 20% darker color. If you saturate the color by 10%, you get **67, 21.915, 217.283**, and if you desaturate by 10%, it is **71, 12.465, 216.177**.

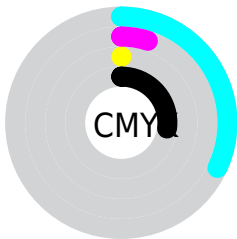
Distribution



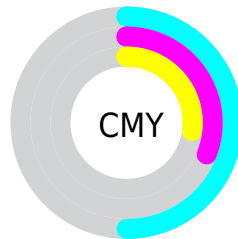
- Red (50%)
- Green (69%)
- Blue (73%)



- Red (50%)
- Yellow (60%)
- Blue (73%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)




- Cyan (50%)
- Magenta (31%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 17.453, 216.625 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, 17.453, 216.625 by changing the saturation by 10% instead.

 69, 17.453,
216.625


 69, 17.453,
216.625

 100, 17.453,
216.625

 59, 17.453,
216.625


 89, 17.453,
216.625

 49, 17.453,
216.625

 99, 17.453,
216.625

 39, 17.453,
216.625

 29, 17.453,
216.625

 19, 17.453,
216.625

 9, 17.453, 216.625

 0, 17.453, 216.625

69, 17.453,
216.625

69, 17.453,
216.625

67, 21.915,
217.283

71, 12.465,
216.177

65, 25.762,
218.214

73, 7.044, 215.923

75, 1.277, 216.104

64, 28.918,
219.473

78, 4.759, 35.534

62, 31.332,
221.129

80, 10.996, 35.624

61, 33.000,
223.254

82, 17.377, 35.729

85, 22.989, 36.388

60, 33.980,
225.909

85, 22.367, 40.999

59, 34.435,
228.292

86, 21.902, 45.841

Harmonies

Complementary

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



69, 17.453, 216.625



61, 21.895, 36.004

Rectangle

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



69, 17.453, 216.625



69, 17.453, 266.625



69, 17.453, 36.625



69, 17.453, 86.625

Sweetspot

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



69, 17.453, 216.621



93, 7.207, 215.897



71, 35.868, 146.447



50, 4.938, 215.914



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 17.453, 216.621



86, 25.360, 217.094



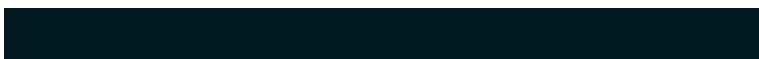
61, 22.776, 274.817



39, 3.341, 215.889



51, 30.459, 227.839



7, 9.634, 222.680

Inverse Universe

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



61, 35.535, 331.369



73, 52.976, 331.855



69, 23.092, 85.627



37, 6.299, 329.922



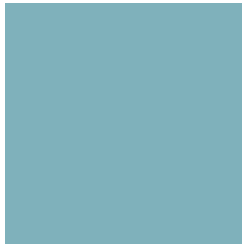
36, 71.100, 336.080



3, 18.217, 332.437

Previews

White Background



This preview shows how the CIELCh color 69, 17.453, 216.625 looks on a white background.

Color Contrast Check

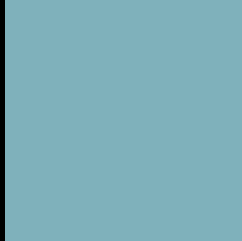
Large Text (above 18pt) WCAG AA × Fail

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, 17.453, 216.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

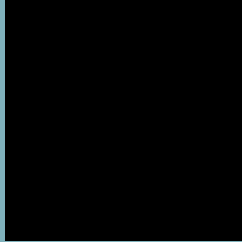
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 17.453, 216.625

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.453, 216.625.

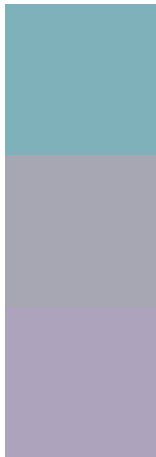


This preview shows how white text looks on a background with the CIELCh color 69, 17.453, 216.625.

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, 17.453, 216.625

Protanopia

69, 7.150, 290.907

Deuteranopia

69, 14.921, 307.015



Tritanopia
69, 17.745, 224.113

Trichromacy



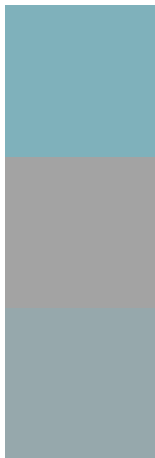
Original Color
69, 17.453, 216.625

Protanomaly
69, 9.073, 245.884

Deuteranomaly
69, 11.570, 271.666

Tritanomaly
69, 17.579, 222.370

Monochromacy



Original Color
69, 17.453, 216.625

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.867, 217.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.453, 216.625 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(127, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(127, 177, 187)  
}
```

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(127, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 177, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.453, 216.625 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(127, 177, 187) }
```

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

```
.border{ border-color:rgb(127, 177, 187) }
```

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

Here you see how a box with a 4 pixel rgb(127, 177, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(127, 177,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.453, 216.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 177, 187) }
```

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

```
.background{ background-color: rgb(127,  
177, 187) }
```

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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