

Converting Colors

CIELCh(69, 16.468, 214.176)

Have a look what the booklet for
CIELCh(69, 16.468, 214.176)
contains.

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Color

CIELCh(69, 16.498, 215.772)

Conversions

Conversions Part 1

Format	Color
Hex	81B0B9
RGB	129, 176, 185
RGB Percent	51%, 69%, 73%
CMY	0.4932, 0.3088, 0.2735
CMYK	0.30, 0.05, 0.00, 0.27
HSL	190°, 29%, 62%
HSV	190°, 30%, 73%
XYZ	33.4448, 39.3444, 51.8655
YIQ	162.9730, -30.9010, -7.1650

Conversions

Conversions Part 2

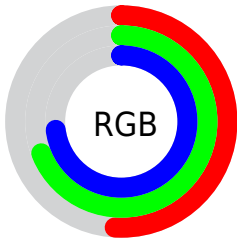
Format	Color
RYB	129, 155, 185
Decimal	8499385
CIELab	69.00, -13.39, -9.64
CIElCh	69, 16.498, 215.772
Yxy	39.3444, 0.2683, 0.3156
Android (android.graphics.Color)	4286689465 (0xFF81B0B9)
YUV	162.9730, 10.8593, -29.7943
Hunter-Lab	62.7251, -14.5933, -5.1175

Details

The CIELCh color **69, 16.498, 215.772** is a light color, and the websafe version is hex **669999**. A complement of this color would be **62, 20.389, 35.372**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 16.666, 214.855**, and **49, 16.484, 216.756** is the 20% darker color. If you saturate the color by 10%, you get **67, 21.054, 216.342**, and if you desaturate by 10%, it is **71, 11.434, 215.398**.

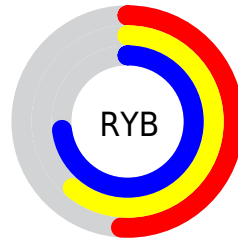
Distribution



Red (51%)

Green (69%)

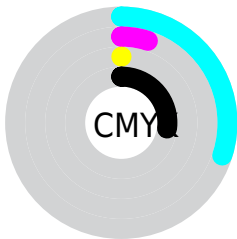
Blue (73%)



Red (51%)

Yellow (61%)

Blue (73%)

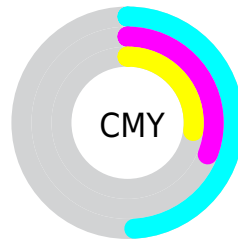


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (49%)


Magenta (31%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.498, 215.772 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, 16.498, 215.772 by changing the saturation by 10% instead.


 69, 16.498,
215.772


 69, 16.498,
215.772


 100, 16.498,
215.772


 59, 16.498,
215.772


 89, 16.498,
215.772

 49, 16.498,
215.772

 99, 16.498,
215.772

 39, 16.498,
215.772

 29, 16.498,
215.772

 19, 16.498,
215.772

 9, 16.498, 215.772

 0, 16.498, 215.772

69, 16.498,
215.772

69, 16.498,
215.772

67, 21.054,
216.342

71, 11.434,
215.398

65, 25.009,
217.165

73, 5.952, 215.213

75, 0.140, 218.729

64, 28.285,
218.294

77, 5.927, 34.923

63, 30.823,
219.793

80, 12.183, 35.031

61, 32.610,
221.732

82, 18.575, 35.164

84, 23.538, 36.169

60, 33.685,
224.172

85, 22.929, 40.464

59, 34.246,
226.985

86, 22.458, 44.967

Harmonies

Complementary

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



69, 16.498, 215.772



62, 20.389, 35.372

Rectangle

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



69, 16.498, 215.772



69, 16.498, 265.772



69, 16.498, 35.772



69, 16.498, 85.772

Sweetspot

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



69, 16.498, 215.768



92, 6.473, 215.206



70, 33.554, 146.627



49, 4.478, 215.216



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 16.498, 215.768



86, 23.605, 216.106



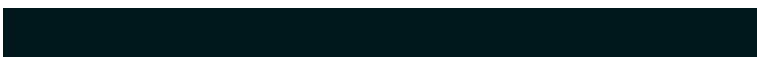
61, 21.265, 274.439



38, 3.279, 215.207



50, 30.101, 226.522



6, 8.675, 222.724

Inverse Universe

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



61, 33.385, 331.038



74, 48.826, 331.444



69, 21.544, 85.886



36, 6.184, 329.722



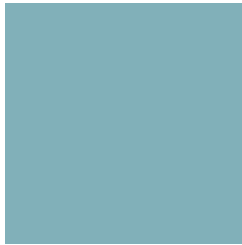
35, 70.582, 335.739



3, 15.985, 331.894

Previews

White Background



This preview shows how the CIELCh color 69, 16.498, 215.772 looks on a white background.

Color Contrast Check

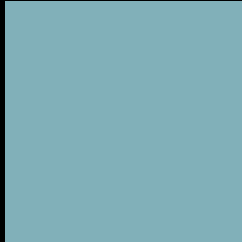
Large Text (above 18pt) WCAG AA × Fail

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, 16.498, 215.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

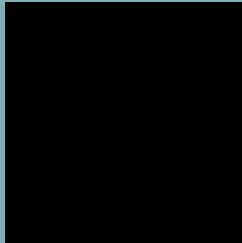
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

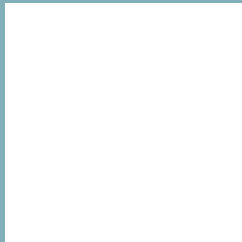
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 16.498, 215.772

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.498, 215.772.



This preview shows how white text looks on a background with the CIELCh color 69, 16.498, 215.772.

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, 16.945, 225.481

Trichromacy



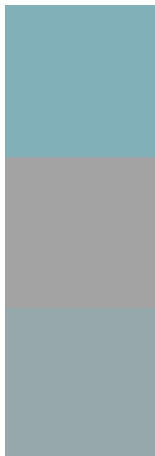
Original Color
69, 16.498, 215.772

Protanomaly
69, 8.461, 244.852

Deuteranomaly
69, 10.949, 272.332

Tritanomaly
69, 16.600, 221.834

Monochromacy



Original Color
69, 16.498, 215.772

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.397, 213.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.498, 215.772 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(129, 176, 185)` looks like.

```
.text, #text, p{  
    color:rgb(129, 176, 185)  
}
```

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(129, 176, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 176, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.498, 215.772 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(129, 176, 185) }
```

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

```
.border{ border-color:rgb(129, 176, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 176, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(129, 176,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.498, 215.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 176, 185) }
```

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

```
.background{ background-color: rgb(129,  
176, 185) }
```

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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