

Converting Colors

CIELCh(69, 17.067, 200.956)

Have a look what the booklet for
CIELCh(69, 17.067, 200.956)
contains.

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Color

CIELCh(69, 16.842, 201.836)

Conversions

Conversions Part 1

Format	Color
Hex	80B1B3
RGB	128, 177, 179
RGB Percent	50%, 69%, 70%
CMY	0.4976, 0.3054, 0.2976
CMYK	0.28, 0.01, 0.00, 0.30
HSL	182°, 25%, 60%
HSV	182°, 28%, 70%
XYZ	32.8099, 39.3444, 48.5711
YIQ	162.5770, -29.8460, -9.7660

Conversions

Conversions Part 2

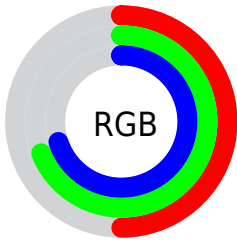
Format	Color
RYB	128, 153, 179
Decimal	8434099
CIELab	69.00, -15.63, -6.26
CIElCh	69, 16.842, 201.836
Yxy	39.3444, 0.2718, 0.3259
Android (android.graphics.Color)	4286624179 (0xFF80B1B3)
YUV	162.5770, 8.0965, -30.3240
Hunter-Lab	62.7251, -16.4000, -2.0035

Details

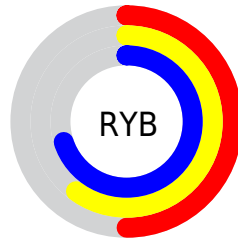
The CIELCh color **69, 16.842, 201.836** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 20.470, 24.659**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 16.992, 201.850**, and **49, 16.876, 201.698** is the 20% darker color. If you saturate the color by 10%, you get **68, 21.831, 201.609**, and if you desaturate by 10%, it is **70, 11.310, 202.141**.

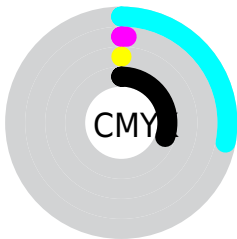
Distribution



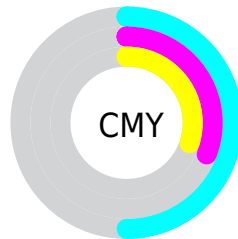
- Red (50%)
- Green (69%)
- Blue (70%)



- Red (50%)
- Yellow (60%)
- Blue (70%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)





- Cyan (50%)
- Magenta (31%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.842, 201.836 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, 16.842, 201.836 by changing the saturation by 10% instead.


 69, 16.842,
201.836


 69, 16.842,
201.836


 100, 16.842,
201.836


 59, 16.842,
201.836


 89, 16.842,
201.836

 49, 16.842,
201.836

 99, 16.842,
201.836

 39, 16.842,
201.836

 29, 16.842,
201.836

 19, 16.842,
201.836

 9, 16.842, 201.836

 0, 16.842, 201.836

69, 16.842,
201.836

69, 16.842,
201.836

68, 21.831,
201.609

70, 11.310,
202.141

67, 26.177,
201.483

72, 5.336, 202.551

73, 0.983, 22.347

66, 29.793,
201.464

75, 7.558, 23.252

65, 32.616,
201.567

77, 14.315, 23.767

65, 34.622,
201.802

79, 21.190, 24.284

81, 28.133, 24.808

64, 35.834,
202.179

81, 28.504, 25.516

64, 36.386,
202.685

81, 28.272, 26.252

64, 36.453,

Harmonies

Complementary

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



69, 16.842, 201.836



59, 20.470, 24.659

Rectangle

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



69, 16.842, 201.836



69, 16.842, 251.836



69, 16.842, 21.836



69, 16.842, 71.836

Sweetspot

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



69, 16.842, 201.832



90, 6.982, 202.518



68, 33.385, 143.388



48, 4.873, 202.451



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 16.842, 201.832



86, 24.223, 201.685



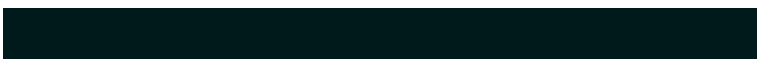
62, 17.023, 263.349



37, 3.548, 202.510



55, 32.474, 202.682



7, 8.616, 204.407

Inverse Universe

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



60, 33.262, 327.066



73, 48.861, 327.395



66, 18.099, 75.338



35, 6.573, 325.994



36, 76.575, 329.828



3, 15.613, 326.078

Previews

White Background



This preview shows how the CIELCh color 69, 16.842, 201.836 looks on a white background.

Color Contrast Check

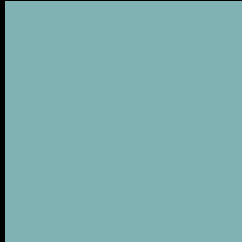
Large Text (above 18pt) WCAG AA × Fail

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, 16.842, 201.836 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, 16.842, 201.836

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.842, 201.836.



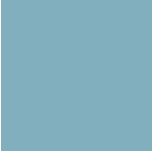
This preview shows how white text looks on a background with the CIELCh color 69, 16.842, 201.836.

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, 16.886, 227.775

Trichromacy



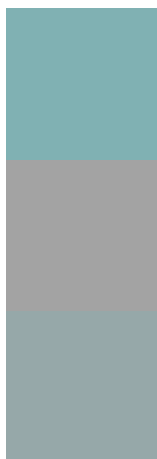
Original Color
69, 16.842, 201.836

Protanomaly
69, 6.515, 218.756

Deuteranomaly
69, 7.652, 268.711

Tritanomaly
69, 16.608, 217.677

Monochromacy



Original Color
69, 16.842, 201.836

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.617, 203.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.842, 201.836 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(128, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(128, 177, 179)  
}
```

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(128, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 177, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.842, 201.836 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(128, 177, 179) }
```

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

```
.border{ border-color:rgb(128, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(128, 177,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.842, 201.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 177, 179) }
```

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

```
.background{ background-color: rgb(128,  
177, 179) }
```

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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