

Converting Colors

CIELCh(66, 15.575, 217.759)

Have a look what the booklet for
CIELCh(66, 15.575, 217.759)
contains.

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Color

CIELCh(66, 15.683, 216.909)

Conversions

Conversions Part 1

Format	Color
Hex	7CA8B1
RGB	124, 168, 177
RGB Percent	49%, 66%, 69%
CMY	0.5148, 0.3423, 0.3070
CMYK	0.30, 0.05, 0.00, 0.31
HSL	190°, 25%, 59%
HSV	190°, 30%, 69%
XYZ	30.1260, 35.3238, 46.6717
YIQ	155.8700, -29.1130, -6.5290

Conversions

Conversions Part 2

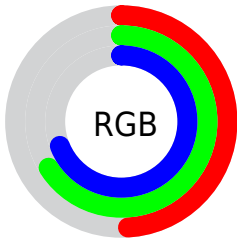
Format	Color
RYB	124, 148, 177
Decimal	8169649
CIELab	66.00, -12.54, -9.42
CIElCh	66, 15.683, 216.909
Yxy	35.3238, 0.2687, 0.3150
Android (android.graphics.Color)	4286359729 (0xFF7CA8B1)
YUV	155.8700, 10.4171, -27.9500
Hunter-Lab	59.4338, -13.5307, -4.9551

Details

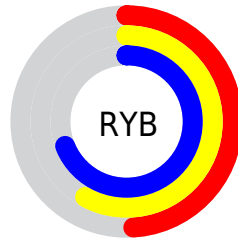
The CIELCh color **66, 15.683, 216.909** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 19.314, 36.231**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 15.680, 218.142**, and **46, 15.575, 215.798** is the 20% darker color. If you saturate the color by 10%, you get **64, 20.069, 217.533**, and if you desaturate by 10%, it is **68, 10.819, 216.487**.

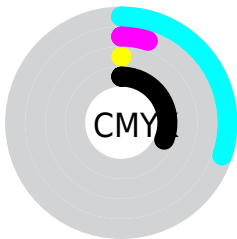
Distribution



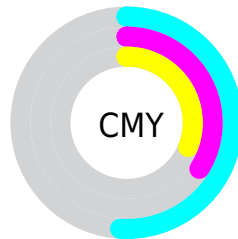
- Red (49%)
- Green (66%)
- Blue (69%)



- Red (49%)
- Yellow (58%)
- Blue (69%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)





- Cyan (51%)
- Magenta (34%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 15.683, 216.909 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 66, 15.683, 216.909 by changing the saturation by 10% instead.


 66, 15.683,
216.909


 66, 15.683,
216.909


 100, 15.683,
216.909


 56, 15.683,
216.909


 86, 15.683,
216.909

 46, 15.683,
216.909

 96, 15.683,
216.909

 36, 15.683,
216.909

 26, 15.683,
216.909

 16, 15.683,
216.909

 6, 15.683, 216.909

 0, 15.683, 216.909

66, 15.683,
216.909

66, 15.683,
216.909

64, 20.069,
217.533

68, 10.819,
216.487

63, 23.891,
218.419

70, 5.562, 216.261

61, 27.072,
219.622

72, 0.010, 336.472

74, 5.813, 35.896

60, 29.558,
221.208

77, 11.799, 35.969

58, 31.334,
223.250

79, 17.913, 36.071

81, 24.114, 36.207

57, 32.440,
225.814

83, 26.421, 38.403

56, 33.073,
228.832

84, 25.859, 42.272

56, 33.074,

228.835

Harmonies

Complementary

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



66, 15.683, 216.909



59, 19.314, 36.231

Rectangle

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



66, 15.683, 216.909



66, 15.683, 266.909



66, 15.683, 36.909



66, 15.683, 86.909

Sweetspot

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



66, 15.683, 216.904



89, 6.212, 216.253



67, 31.646, 147.188



47, 4.296, 216.268



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 15.683, 216.904



82, 22.677, 217.295



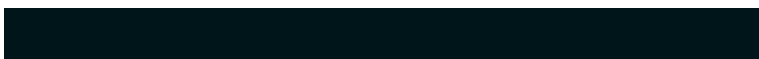
59, 20.710, 275.689



37, 3.185, 216.254



49, 29.738, 228.419



6, 7.590, 224.427

Inverse Universe

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



58, 31.672, 331.334



71, 46.846, 331.763



66, 20.846, 87.314



35, 6.002, 330.024



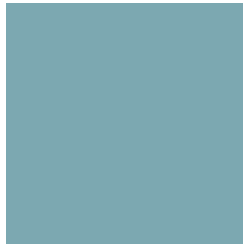
35, 69.269, 336.231



2, 13.709, 332.075

Previews

White Background



This preview shows how the CIELCh color 66, 15.683, 216.909 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 66, 15.683, 216.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

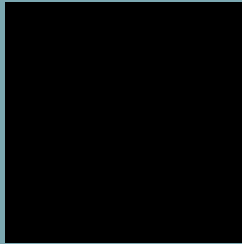
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 15.683, 216.909

Background



This preview shows how black text looks on a background with the CIELCh color 66, 15.683, 216.909.

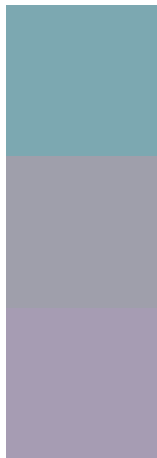


This preview shows how white text looks on a background with the CIELCh color 66, 15.683, 216.909.

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
66, 15.683, 216.909

Protanopia
66, 6.660, 290.883

Deuteranopia
66, 13.341, 307.375



Tritanopia
66, 15.944, 227.694

Trichromacy



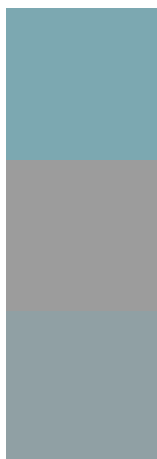
Original Color
66, 15.683, 216.909

Protanomaly
66, 8.285, 246.684

Deuteranomaly
66, 10.419, 273.190

Tritanomaly
66, 15.555, 223.828

Monochromacy



Original Color
66, 15.683, 216.909

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.246, 219.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 15.683, 216.909 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(124, 168, 177)` looks like.

```
.text, #text, p{  
    color:rgb(124, 168, 177)  
}
```

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(124, 168, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 168, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 15.683, 216.909 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(124, 168, 177) }
```

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

```
.border{ border-color:rgb(124, 168, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 168, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 168, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 168, 177);  
box-shadow:4px 4px 4px 4px rgb(124, 168,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 15.683, 216.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 168, 177) }
```

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

```
.background{ background-color: rgb(124,  
168, 177) }
```

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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