

Converting Colors

CIELCh(66, 18.560, 215.846)

Have a look what the booklet for
CIELCh(66, 18.560, 215.846)
contains.

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Color

CIELCh(66, 18.614, 215.473)

Conversions

Conversions Part 1

Format	Color
Hex	73A9B3
RGB	115, 169, 179
RGB Percent	45%, 66%, 70%
CMY	0.5486, 0.3368, 0.2976
CMYK	0.36, 0.06, 0.00, 0.30
HSL	189°, 30%, 58%
HSV	189°, 36%, 70%
XYZ	29.4370, 35.3238, 47.9683
YIQ	153.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

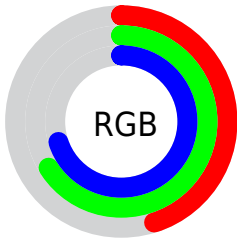
Format	Color
RYB	115, 144, 179
Decimal	7580083
CIELab	66.00, -15.16, -10.80
CIElCh	66, 18.614, 215.473
Yxy	35.3238, 0.2611, 0.3134
Android (android.graphics.Color)	4285770163 (0xFF73A9B3)
YUV	153.9940, 12.3280, -34.1977
Hunter-Lab	59.4338, -15.6000, -6.2485

Details

The CIELCh color **66, 18.614, 215.473** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 24.051, 35.186**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 18.648, 216.443**, and **46, 18.544, 214.514** is the 20% darker color. If you saturate the color by 10%, you get **64, 22.749, 216.135**, and if you desaturate by 10%, it is **68, 13.933, 215.024**.

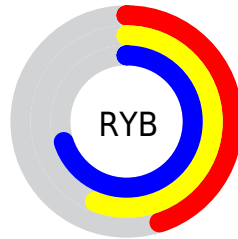
Distribution



Red (45%)

Green (66%)

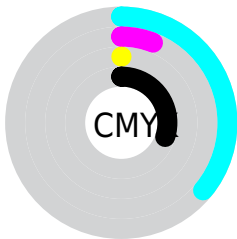
Blue (70%)



Red (45%)

Yellow (56%)

Blue (70%)

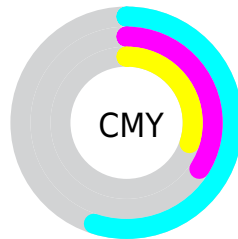


Cyan (36%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (55%)


Magenta (34%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 18.614, 215.473 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, 18.614, 215.473 by changing the saturation by 10% instead.


 66, 18.614,
215.473


 66, 18.614,
215.473


 100, 18.614,
215.473


 56, 18.614,
215.473


 86, 18.614,
215.473

 46, 18.614,
215.473

 96, 18.614,
215.473

 36, 18.614,
215.473

 26, 18.614,
215.473

 16, 18.614,
215.473

 6, 18.614, 215.473

 0, 18.614, 215.473

66, 18.614,
215.473

66, 18.614,
215.473

64, 22.749,
216.135

68, 13.933,
215.024

63, 26.253,
217.072

70, 8.797, 214.764

72, 3.292, 214.715

61, 29.059,
218.337

74, 2.500, 34.319

60, 31.131,
219.996

76, 8.512, 34.505

59, 32.480,
222.115

78, 14.683, 34.635

81, 20.965, 34.798

58, 33.186,
224.739

83, 25.989, 35.614

57, 33.409,
225.933

84, 25.381, 39.227

Harmonies

Complementary

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



66, 18.614, 215.473



58, 24.051, 35.186

Rectangle

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



66, 18.614, 215.473



66, 18.614, 265.473



66, 18.614, 35.473



66, 18.614, 85.473

Sweetspot

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



66, 18.614, 215.469



89, 7.688, 214.705



68, 38.496, 146.109



47, 5.189, 214.718



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 18.614, 215.469



82, 26.664, 215.982



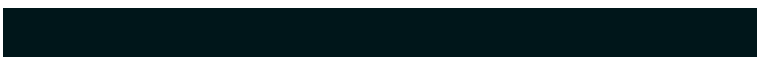
57, 24.545, 275.529



37, 3.214, 214.695



50, 29.751, 225.519



6, 7.645, 222.265

Inverse Universe

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



57, 38.390, 331.226



69, 56.513, 331.735



66, 24.914, 85.155



35, 6.060, 329.571



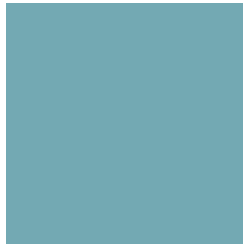
35, 69.979, 335.482



2, 13.888, 331.417

Previews

White Background



This preview shows how the CIELCh color 66, 18.614, 215.473 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 66, 18.614, 215.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

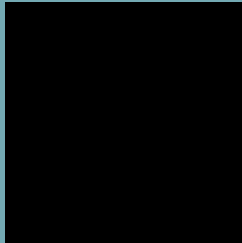
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 18.614, 215.473

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.614, 215.473.

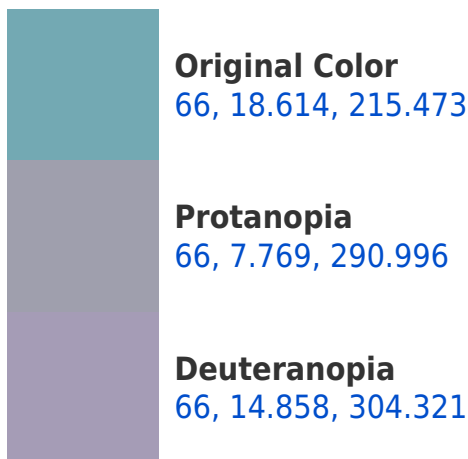



This preview shows how white text looks on a background with the CIELCh color 66, 18.614, 215.473.

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
66, 18.690, 220.933

Trichromacy



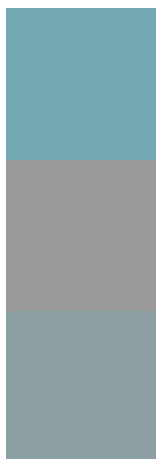
Original Color
66, 18.614, 215.473

Protanomaly
66, 9.615, 242.941

Deuteranomaly
66, 12.016, 267.032

Tritanomaly
66, 18.557, 219.231

Monochromacy



Original Color
66, 18.614, 215.473

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.259, 216.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 18.614, 215.473 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(115, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(115, 169, 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(115, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 169, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.614, 215.473 is called "border". The border property can be set on classes, ids or directly on the HTML element.

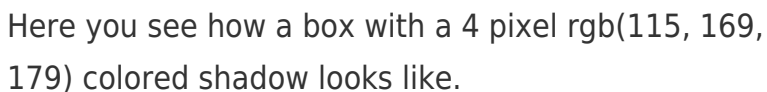
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 169, 179) }
```

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

```
.border{ border-color:rgb(115, 169, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 169, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 169, 179); box-shadow:4px 4px 4px 4px rgb(115, 169, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.614, 215.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 169, 179) }
```

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

```
.background{ background-color: rgb(115,  
169, 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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