

Converting Colors

CIELCh(65, 18.776, 176.747)

Have a look what the booklet for
CIELCh(65, 18.776, 176.747)
contains.

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Color

CIELCh(65, 18.683, 176.801)

Conversions

Conversions Part 1

Format	Color
Hex	77A79B
RGB	119, 167, 155
RGB Percent	47%, 65%, 61%
CMY	0.5323, 0.3441, 0.3912
CMYK	0.29, 0.00, 0.07, 0.34
HSL	165°, 21%, 56%
HSV	165°, 29%, 66%
XYZ	27.4461, 34.0472, 36.2475
YIQ	151.2800, -24.7560, -13.9080

Conversions

Conversions Part 2

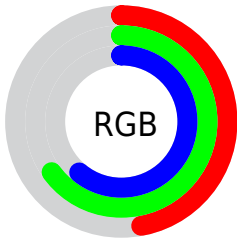
Format	Color
RYB	119, 146, 167
Decimal	7841691
CIELab	65.00, -18.65, 1.04
CIELCh	65, 18.683, 176.801
Yxy	34.0472, 0.2808, 0.3483
Android (android.graphics.Color)	4286031771 (0xFF77A79B)
YUV	151.2800, 1.8340, -28.3096
Hunter-Lab	58.3500, -18.1514, 4.0135

Details

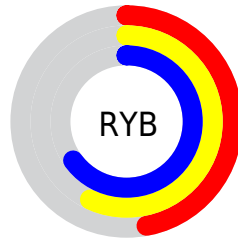
The CIELCh color **65, 18.683, 176.801** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 20.636, 2.620**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 18.763, 176.663**, and **45, 18.886, 176.843** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.632, 175.705**, and if you desaturate by 10%, it is **66, 12.381, 177.819**.

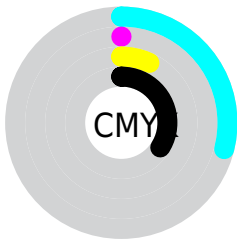
Distribution



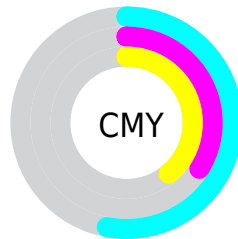
- Red (47%)
- Green (65%)
- Blue (61%)



- Red (47%)
- Yellow (57%)
- Blue (65%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)





- Cyan (53%)
- Magenta (34%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.683, 176.801 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 65, 18.683, 176.801 by changing the saturation by 10% instead.


 65, 18.683,
176.801


 65, 18.683,
176.801


 100, 18.683,
176.801


 55, 18.683,
176.801


 85, 18.683,
176.801

 45, 18.683,
176.801

 95, 18.683,
176.801

 35, 18.683,
176.801

 25, 18.683,
176.801

 15, 18.683,
176.801

 5, 18.683, 176.801

 0, 18.683, 176.801

65, 18.683,
176.801

65, 18.683,
176.801

64, 24.632,
175.705

66, 12.381,
177.819

63, 30.115,
174.520

67, 5.829, 178.804

62, 35.029,
173.219

69, 0.879, 359.130

70, 7.663, 0.414

62, 39.288,
171.780

72, 14.457, 1.250

62, 42.840,
170.179

74, 21.212, 2.036

76, 27.891, 2.787

61, 45.681,
168.400

77, 34.467, 3.508

61, 47.943,
166.477

78, 35.663, 0.528

61, 48.228,

Harmonies

Complementary

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



65, 18.683, 176.801



55, 20.636, 2.620

Rectangle

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



65, 18.683, 176.801



65, 18.683, 226.801



65, 18.683, 356.801



65, 18.683, 46.801

Sweetspot

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



65, 18.684, 176.798



85, 7.439, 178.758



65, 29.918, 135.405



45, 5.204, 178.619



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 18.684, 176.798



82, 26.986, 176.163



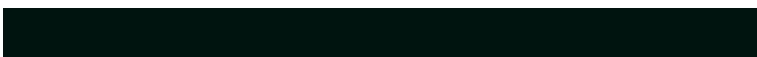
62, 14.036, 225.185



35, 3.807, 178.746



54, 43.920, 166.459



5, 7.283, 174.630

Inverse Universe

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



55, 20.636, 2.620



67, 30.473, 3.476



58, 16.934, 42.646



33, 3.927, 0.313



30, 59.558, 24.367



1, 6.913, 2.091

Previews

White Background



This preview shows how the CIELCh color 65, 18.683, 176.801 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 65, 18.683, 176.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

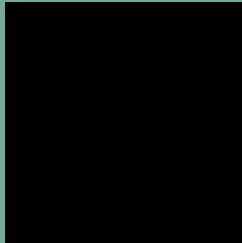
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.683, 176.801

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.683, 176.801.

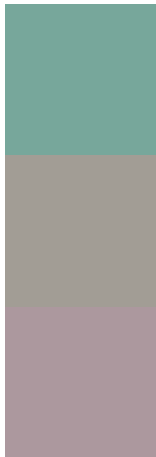


This preview shows how white text looks on a background with the CIELCh color 65, 18.683, 176.801.

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
65, 18.683, 176.801

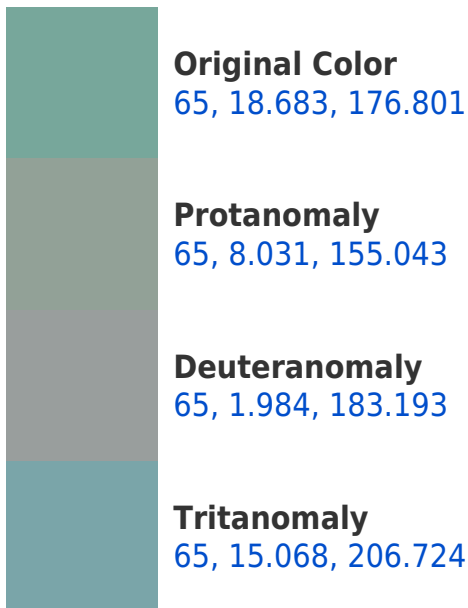
Protanopia
65, 4.830, 85.765

Deuteranopia
65, 8.447, 357.015

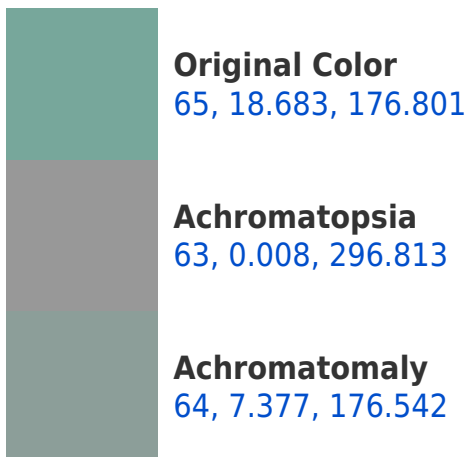


Tritanopia
65, 15.219, 226.938

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.683, 176.801 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(119, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(119, 167, 155)  
}
```

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(119, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 167, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.683, 176.801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

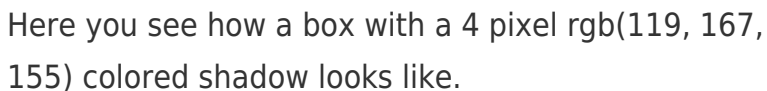
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 167, 155) }
```

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

```
.border{ border-color:rgb(119, 167, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(119, 167,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.683, 176.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 167, 155) }
```

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

```
.background{ background-color: rgb(119,  
167, 155) }
```

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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