

Converting Colors

CIELCh(65, 15.094, 180.032)

Have a look what the booklet for
CIELCh(65, 15.094, 180.032)
contains.

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Color

CIELCh(65, 15.485, 179.165)

Conversions

Conversions Part 1

Format	Color
Hex	7EA69D
RGB	126, 166, 157
RGB Percent	49%, 65%, 62%
CMY	0.5066, 0.3498, 0.3851
CMYK	0.24, 0.00, 0.05, 0.35
HSL	166°, 18%, 57%
HSV	166°, 24%, 65%
XYZ	28.2436, 34.0472, 36.8922
YIQ	153.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

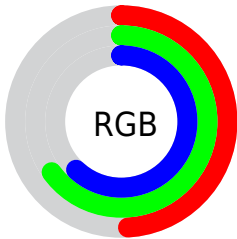
Format	Color
RYB	126, 149, 166
Decimal	8300189
CIELab	65.00, -15.48, 0.23
CIElCh	65, 15.485, 179.165
Yxy	34.0472, 0.2848, 0.3433
Android (android.graphics.Color)	4286490269 (0xFF7EA69D)
YUV	153.0140, 1.9651, -23.6913
Hunter-Lab	58.3500, -15.7117, 3.3585

Details

The CIELCh color $65, 15.485, 179.165$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 16.936, 3.859$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 15.657, 178.644$, and $45, 15.344, 179.463$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.440, 178.131$, and if you desaturate by 10%, it is $66, 9.212, 180.140$.

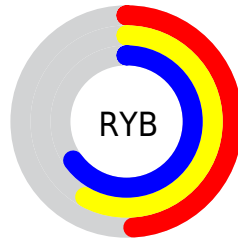
Distribution



Red (49%)

Green (65%)

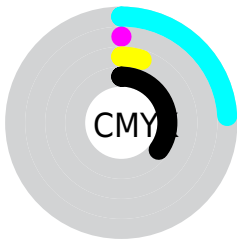
Blue (62%)



Red (49%)

Yellow (58%)

Blue (65%)

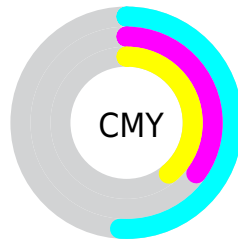


Cyan (24%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (51%)


Magenta (35%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 15.485, 179.165 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, 15.485, 179.165 by changing the saturation by 10% instead.


 65, 15.485,
179.165


 65, 15.485,
179.165


 100, 15.485,
179.165


 55, 15.485,
179.165


 85, 15.485,
179.165

 45, 15.485,
179.165

 95, 15.485,
179.165

 35, 15.485,
179.165

 25, 15.485,
179.165

 15, 15.485,
179.165

 5, 15.485, 179.165

 0, 15.485, 179.165

65, 15.485,
179.165

65, 15.485,
179.165

64, 21.440,
178.131

66, 9.212, 180.140

63, 26.967,
177.025

67, 2.717, 181.161

69, 3.911, 1.751

62, 31.961,
175.824

70, 10.598, 2.648

62, 36.329,
174.506

72, 17.286, 3.458

74, 23.930, 4.230

61, 40.005,
173.048

76, 30.498, 4.972

61, 42.963,
171.429

77, 35.697, 4.893

77, 36.091, 1.822

61, 45.235,
169.635

61, 46.401,

168.560

Harmonies

Complementary

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



65, 15.485, 179.165



57, 16.936, 3.859

Rectangle

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



65, 15.485, 179.165



65, 15.485, 229.165



65, 15.485, 359.165



65, 15.485, 49.165

Sweetspot

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



65, 15.486, 179.162



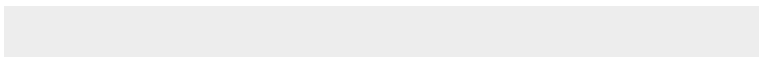
85, 5.724, 180.825



65, 25.226, 136.646



46, 3.747, 180.768



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, 15.486, 179.162



82, 22.903, 178.611



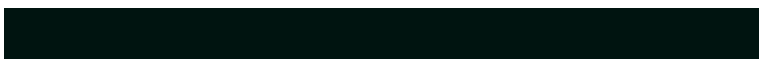
62, 11.801, 229.245



35, 3.758, 180.608



54, 42.554, 168.760



5, 7.169, 176.618

Inverse Universe

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



57, 16.936, 3.859



70, 25.600, 4.583



59, 13.675, 46.348



33, 3.887, 2.157



30, 60.425, 26.433



1, 6.852, 3.732

Previews

White Background



This preview shows how the CIELCh color 65, 15.485, 179.165 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 65, 15.485, 179.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

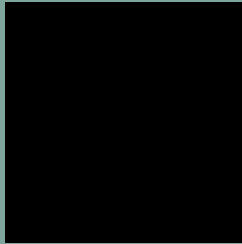
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 15.485, 179.165

Background



This preview shows how black text looks on a background with the CIELCh color 65, 15.485, 179.165.

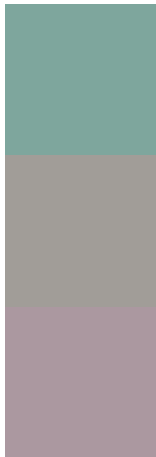


This preview shows how white text looks on a background with the CIELCh color 65, 15.485, 179.165.

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, 15.485, 179.165

Protanopia
65, 3.161, 80.414

Deuteranopia
65, 8.584, 349.080



Tritanopia
65, 13.325, 231.623

Trichromacy



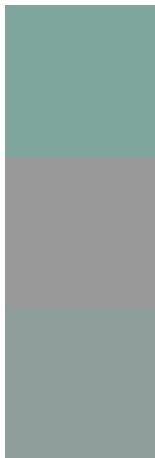
Original Color
65, 15.485, 179.165

Protanomaly
65, 5.688, 163.103

Deuteranomaly
65, 1.342, 255.950

Tritanomaly
65, 12.910, 210.889

Monochromacy



Original Color
65, 15.485, 179.165

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 6.119, 177.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 15.485, 179.165 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(126, 166, 157)` looks like.

```
.text, #text, p{  
    color:rgb(126, 166, 157)  
}
```

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(126, 166, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 166, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 15.485, 179.165 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(126, 166, 157) }
```

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

```
.border{ border-color:rgb(126, 166, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 166, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 166, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 166, 157);  
box-shadow:4px 4px 4px 4px rgb(126, 166,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 15.485, 179.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 166, 157) }
```

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

```
.background{ background-color: rgb(126,  
166, 157) }
```

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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