

Converting Colors

CIELCh(65, 16.358, 169.678)

Have a look what the booklet for
CIELCh(65, 16.358, 169.678)
contains.

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Color

CIELCh(65, 16.498, 169.809)

Conversions

Conversions Part 1

Format	Color
Hex	7FA698
RGB	127, 166, 152
RGB Percent	50%, 65%, 60%
CMY	0.5020, 0.3490, 0.4040
CMYK	0.23, 0.00, 0.08, 0.35
HSL	158°, 18%, 57%
HSV	158°, 23%, 65%
XYZ	28.0524, 34.0472, 34.7953
YIQ	152.7430, -18.7500, -12.6220

Conversions

Conversions Part 2

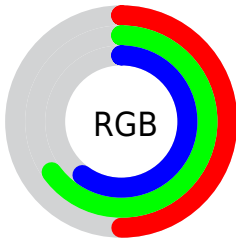
Format	Color
RYB	127, 151, 166
Decimal	8365720
CIELab	65.00, -16.24, 2.92
CIElCh	65, 16.498, 169.809
Yxy	34.0472, 0.2895, 0.3514
Android (android.graphics.Color)	4286555800 (0xFF7FA698)
YUV	152.7430, -0.3663, -22.5766
Hunter-Lab	58.3500, -16.2964, 5.4891

Details

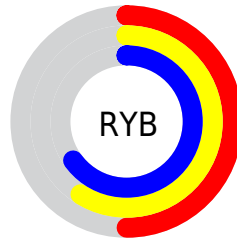
The CIELCh color $65, 16.498, 169.809$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 17.410, 354.336$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 16.593, 169.840$, and $45, 16.498, 169.449$ is the 20% darker color. If you saturate the color by 10%, you get $64, 23.215, 168.710$, and if you desaturate by 10%, it is $66, 9.555, 170.820$.

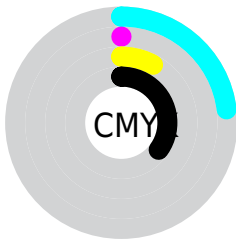
Distribution



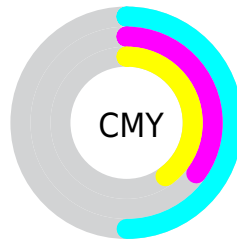
- Red (50%)
- Green (65%)
- Blue (60%)



- Red (50%)
- Yellow (59%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)





- Cyan (50%)
- Magenta (35%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.498, 169.809 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, 16.498, 169.809 by changing the saturation by 10% instead.


 65, 16.498,
169.809


 65, 16.498,
169.809


 100, 16.498,
169.809


 55, 16.498,
169.809


 85, 16.498,
169.809

 45, 16.498,
169.809

 95, 16.498,
169.809

 35, 16.498,
169.809

 25, 16.498,
169.809

 15, 16.498,
169.809

 5, 16.498, 169.809

 0, 16.498, 169.809

65, 16.498,
169.809

65, 16.498,
169.809

64, 23.215,
168.710

66, 9.555, 170.820

63, 29.592,
167.505

68, 2.482, 171.857

69, 4.635, 352.465

62, 35.513,
166.167

71, 11.727,
353.316

61, 40.871,
164.672

72, 18.743,
354.081

61, 45.582,
162.997

74, 25.645,
354.799

61, 49.603,
161.124


76, 32.407,
355.479

60, 52.948,
159.049

78, 37.439,
354.644

60, 54.909,

157.677

 78, 38.693,
350.335

Harmonies

Complementary

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



65, 16.498, 169.809



57, 17.410, 354.336

Rectangle

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



65, 16.498, 169.809



65, 16.498, 219.809



65, 16.498, 349.809



65, 16.498, 39.809

Sweetspot

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



65, 16.499, 169.806



85, 6.174, 171.450



65, 23.640, 132.554



45, 4.043, 171.393



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, 16.499, 169.806



82, 24.286, 169.268



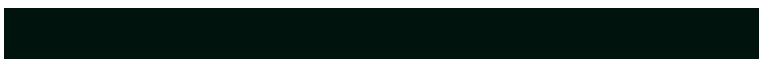
64, 12.249, 212.207



35, 4.060, 171.233



54, 50.242, 157.912



5, 7.832, 167.212

Inverse Universe

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



57, 17.410, 354.336



71, 25.935, 354.951



58, 14.363, 32.502



33, 4.148, 352.794



31, 56.883, 14.559



2, 7.241, 355.337

Previews

White Background



This preview shows how the CIELCh color 65, 16.498, 169.809 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, 16.498, 169.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

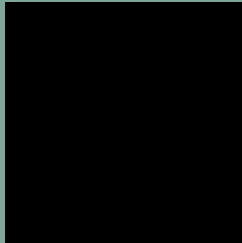
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 16.498, 169.809

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.498, 169.809.

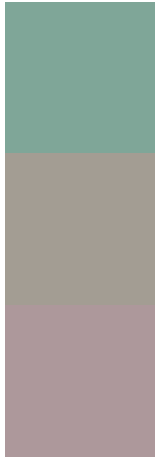


This preview shows how white text looks on a background with the CIELCh color 65, 16.498, 169.809.

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, 16.498, 169.809

Protanopia
65, 6.008, 86.397

Deuteranopia
65, 8.372, 8.738



Tritanopia
65, 12.787, 233.237

Trichromacy



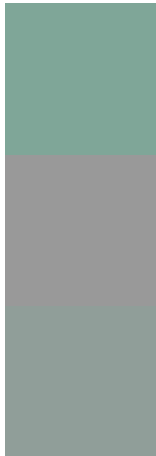
Original Color
65, 16.498, 169.809

Protanomaly
65, 7.253, 141.653

Deuteranomaly
65, 1.707, 122.979

Tritanomaly
65, 12.172, 206.331

Monochromacy



Original Color
65, 16.498, 169.809

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 6.032, 171.400

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 65, 16.498, 169.809 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(127, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(127, 166, 152)  
}
```

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(127, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 166, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.498, 169.809 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(127, 166, 152) }
```

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

```
.border{ border-color:rgb(127, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(127, 166,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.498, 169.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 166, 152) }
```

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

```
.background{ background-color: rgb(127,  
166, 152) }
```

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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