

Converting Colors

CIELCh(65, 15.052, 171.726)

Have a look what the booklet for
CIELCh(65, 15.052, 171.726)
contains.

CIELCh(65, 15.003, 171.662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 15.003, 171.662)

Conversions

Conversions Part 1

Format	Color
Hex	81A599
RGB	129, 165, 153
RGB Percent	51%, 65%, 60%
CMY	0.4927, 0.3515, 0.3986
CMYK	0.22, 0.00, 0.07, 0.35
HSL	160°, 17%, 58%
HSV	160°, 22%, 65%
XYZ	28.4061, 34.0472, 35.3659
YIQ	152.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

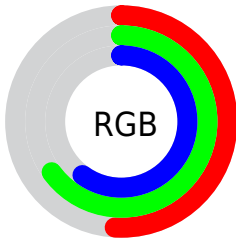
Format	Color
RYB	129, 151, 165
Decimal	8496537
CIELab	65.00, -14.84, 2.18
CIELCh	65, 15.003, 171.662
Yxy	34.0472, 0.2904, 0.3481
Android (android.graphics.Color)	4286686617 (0xFF81A599)
YUV	152.8680, 0.0651, -20.9322
Hunter-Lab	58.3500, -15.2144, 4.9093

Details

The CIELCh color **65, 15.003, 171.662** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 15.850, 355.848**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 15.162, 171.510**, and **45, 14.930, 171.550** is the 20% darker color. If you saturate the color by 10%, you get **64, 21.599, 170.581**, and if you desaturate by 10%, it is **66, 8.185, 172.665**.

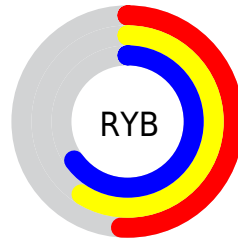
Distribution



Red (51%)

Green (65%)

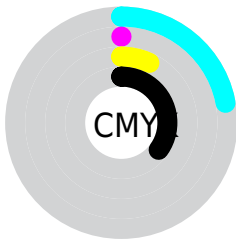
Blue (60%)



Red (51%)

Yellow (59%)

Blue (65%)

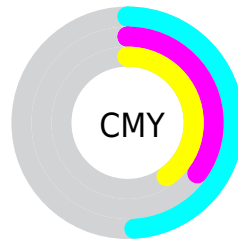


Cyan (22%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (49%)


Magenta (35%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 15.003, 171.662 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, 15.003, 171.662 by changing the saturation by 10% instead.


 65, 15.003,
171.662


 65, 15.003,
171.662


 100, 15.003,
171.662


 55, 15.003,
171.662


 85, 15.003,
171.662

 45, 15.003,
171.662

 95, 15.003,
171.662

 35, 15.003,
171.662

 25, 15.003,
171.662

 15, 15.003,
171.662

 5, 15.003, 171.662

 0, 15.003, 171.662

65, 15.003,
171.662

65, 15.003,
171.662

64, 21.599,
170.581

66, 8.185, 172.665

63, 27.861,
169.404

68, 1.238, 173.855

69, 5.755, 354.310

62, 33.676,
168.103

71, 12.727,
355.151

61, 38.938,
166.656

72, 19.630,
355.921

61, 43.560,
165.038

74, 26.425,
356.647

61, 47.494,
163.229


76, 33.088,
357.338

60, 50.748,
161.221

77, 37.378,
356.038

60, 53.074,

159.504

 78, 38.458,
351.981

Harmonies

Complementary

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



65, 15.003, 171.662



58, 15.850, 355.848

Rectangle

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



65, 15.003, 171.662



65, 15.003, 221.662



65, 15.003, 351.662



65, 15.003, 41.662

Sweetspot

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



65, 15.004, 171.659



84, 6.018, 173.130



65, 21.948, 133.177



44, 3.903, 173.074



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 15.004, 171.659



82, 21.986, 171.164



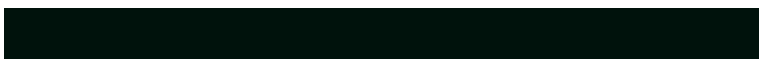
64, 11.250, 214.149



34, 3.894, 172.915



53, 48.072, 159.765



4, 6.321, 169.976

Inverse Universe

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



58, 15.850, 355.848



71, 23.516, 356.418



59, 13.016, 34.061



32, 3.987, 354.479



30, 56.590, 16.858



1, 5.997, 355.815

Previews

White Background



This preview shows how the CIELCh color 65, 15.003, 171.662 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, 15.003, 171.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

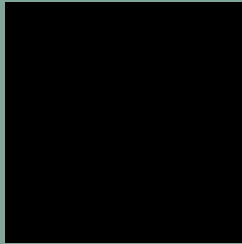
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 15.003, 171.662

Background



This preview shows how black text looks on a background with the CIELCh color 65, 15.003, 171.662.

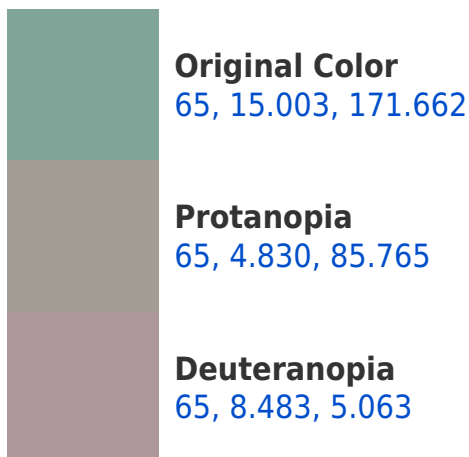


This preview shows how white text looks on a background with the CIELCh color 65, 15.003, 171.662.

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
65, 11.999, 235.966

Trichromacy



Original Color
65, 15.003, 171.662

Protanomaly
65, 6.334, 146.945

Deuteranomaly
65, 1.103, 110.011

Tritanomaly
65, 11.237, 209.987

Monochromacy



Original Color
65, 15.003, 171.662

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 5.440, 174.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 15.003, 171.662 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(129, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(129, 165, 153)  
}
```

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(129, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 165, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 15.003, 171.662 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(129, 165, 153) }
```

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

```
.border{ border-color:rgb(129, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(129, 165,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 15.003, 171.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 165, 153) }
```

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

```
.background{ background-color: rgb(129,  
165, 153) }
```

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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