

Converting Colors

CIELCh(65, 15.245, 169.495)

Have a look what the booklet for
CIELCh(65, 15.245, 169.495)
contains.

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Color

CIELCh(65, 14.987, 169.253)

Conversions

Conversions Part 1

Format	Color
Hex	82A598
RGB	130, 165, 152
RGB Percent	51%, 65%, 60%
CMY	0.4892, 0.3519, 0.4029
CMYK	0.21, 0.00, 0.08, 0.35
HSL	158°, 16%, 58%
HSV	158°, 21%, 65%
XYZ	28.4368, 34.0472, 34.8903
YIQ	153.0530, -16.6870, -11.4630

Conversions

Conversions Part 2

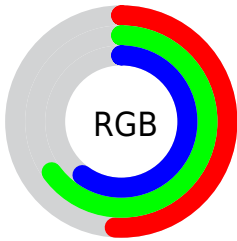
Format	Color
RYB	130, 151, 165
Decimal	8562072
CIELab	65.00, -14.72, 2.79
CIELCh	65, 14.987, 169.253
Yxy	34.0472, 0.2920, 0.3497
Android (android.graphics.Color)	4286752152 (0xFF82A598)
YUV	153.0530, -0.5191, -20.2175
Hunter-Lab	58.3500, -15.1206, 5.3926

Details

The CIELCh color $65, 14.987, 169.253$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $58, 15.692, 353.246$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 15.138, 169.227$, and $45, 14.938, 169.009$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.816, 168.177$, and if you desaturate by 10%, it is $66, 7.964, 170.247$.

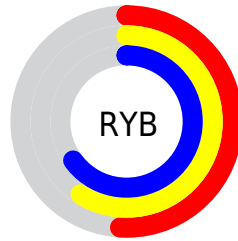
Distribution



Red (51%)

Green (65%)

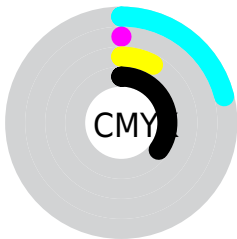
Blue (60%)



Red (51%)

Yellow (59%)

Blue (65%)

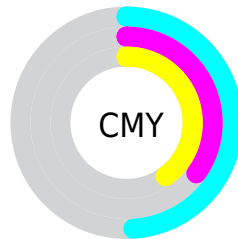


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (49%)


Magenta (35%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 14.987, 169.253 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, 14.987, 169.253 by changing the saturation by 10% instead.


 65, 14.987,
169.253


 65, 14.987,
169.253


 100, 14.987,
169.253


 55, 14.987,
169.253


 85, 14.987,
169.253

 45, 14.987,
169.253

 95, 14.987,
169.253

 35, 14.987,
169.253

 25, 14.987,
169.253

 15, 14.987,
169.253

 5, 14.987, 169.253

 0, 14.987, 169.253

65, 14.987,
169.253

65, 14.987,
169.253

64, 21.816,
168.177

66, 7.964, 170.247

63, 28.339,
166.998

68, 0.841, 171.563

69, 6.302, 351.868

62, 34.440,
165.689

71, 13.400,
352.682

61, 40.009,
164.227

73, 20.407,
353.427

61, 44.952,
162.587

74, 27.287,
354.128

60, 49.215,
160.750


76, 34.017,
354.791

60, 52.796,
158.711

78, 38.177,
353.096

60, 55.549,

156.834

 78, 39.554,
348.807

Harmonies

Complementary

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



65, 14.987, 169.253



58, 15.692, 353.246

Rectangle

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



65, 14.987, 169.253



65, 14.987, 219.253



65, 14.987, 349.253



65, 14.987, 39.253

Sweetspot

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



65, 14.988, 169.250



85, 5.284, 170.752



65, 21.138, 132.120



45, 3.499, 170.690



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, 14.988, 169.250



82, 21.754, 168.803



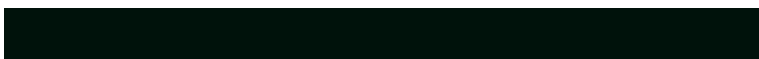
64, 11.233, 210.257



34, 3.990, 170.436



53, 50.318, 157.100



4, 6.476, 167.690

Inverse Universe

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



58, 15.692, 353.246



72, 22.995, 353.743



59, 12.948, 30.828



32, 4.072, 351.981



30, 55.978, 13.285



1, 6.115, 353.475

Previews

White Background



This preview shows how the CIELCh color 65, 14.987, 169.253 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, 14.987, 169.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

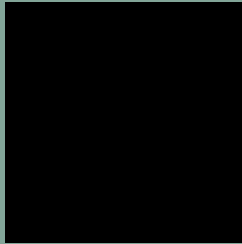
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 14.987, 169.253

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.987, 169.253.

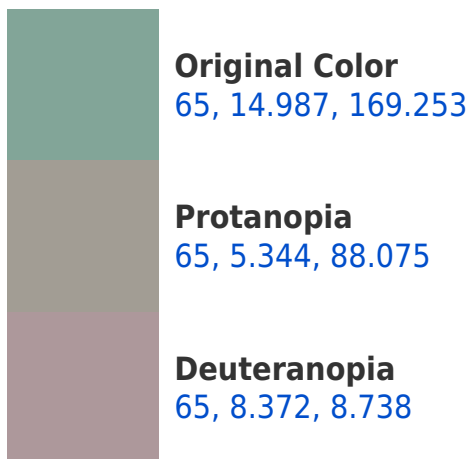


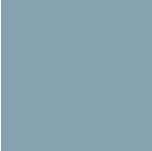
This preview shows how white text looks on a background with the CIELCh color 65, 14.987, 169.253.

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, 11.738, 236.958

Trichromacy



Original Color
65, 14.987, 169.253

Protanomaly
65, 6.787, 144.123

Deuteranomaly
65, 1.658, 109.968

Tritanomaly
65, 10.908, 210.364

Monochromacy



Original Color
65, 14.987, 169.253

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 5.101, 173.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.987, 169.253 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(130, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(130, 165, 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(130, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 165, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.987, 169.253 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(130, 165, 152) }
```

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

```
.border{ border-color:rgb(130, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(130, 165,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.987, 169.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 165, 152) }
```

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

```
.background{ background-color: rgb(130,  
165, 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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