

Converting Colors

CIELCh(65, 14.375, 165.457)

Have a look what the booklet for
CIELCh(65, 14.375, 165.457)
contains.

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Color

CIELCh(65, 14.390, 165.447)

Conversions

Conversions Part 1

Format	Color
Hex	85A597
RGB	133, 165, 151
RGB Percent	52%, 65%, 59%
CMY	0.4791, 0.3536, 0.4085
CMYK	0.19, 0.00, 0.08, 0.35
HSL	154°, 15%, 58%
HSV	154°, 19%, 65%
XYZ	28.6403, 34.0472, 34.2660
YIQ	153.8360, -14.5780, -11.1380

Conversions

Conversions Part 2

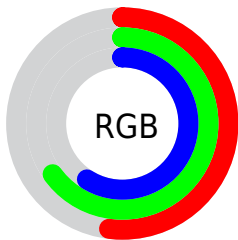
Format	Color
RYB	133, 153, 165
Decimal	8758679
CIELab	65.00, -13.93, 3.62
CIElCh	65, 14.390, 165.447
Yxy	34.0472, 0.2954, 0.3512
Android (android.graphics.Color)	4286948759 (0xFF85A597)
YUV	153.8360, -1.3981, -18.2732
Hunter-Lab	58.3500, -14.4980, 6.0269

Details

The CIELCh color $65, 14.390, 165.447$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 14.857, 348.917$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 14.264, 164.873$, and $45, 14.344, 165.050$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.642, 164.404$, and if you desaturate by 10%, it is $66, 6.998, 166.407$.

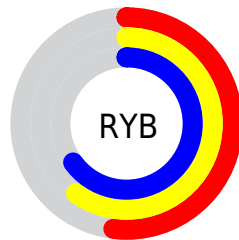
Distribution



Red (52%)

Green (65%)

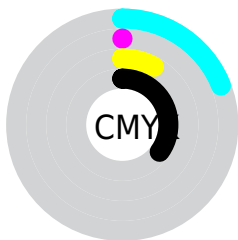
Blue (59%)



Red (52%)

Yellow (60%)

Blue (65%)

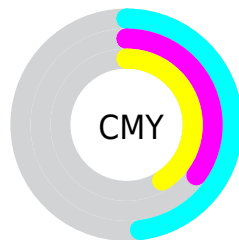


Cyan (19%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 14.390, 165.447 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, 14.390, 165.447 by changing the saturation by 10% instead.

 65, 14.390,
165.447


 65, 14.390,
165.447

 100, 14.390,
165.447


 55, 14.390,
165.447


 85, 14.390,
165.447

 45, 14.390,
165.447

 95, 14.390,
165.447

 35, 14.390,
165.447

 25, 14.390,
165.447

 15, 14.390,
165.447

 5, 14.390, 165.447

 0, 14.390, 165.447

■ 65, 14.390,
165.447

■ 65, 14.390,
165.447

■ 64, 21.642,
164.404

■ 66, 6.998, 166.407

■ 63, 28.641,
163.252

■ 68, 0.442, 346.370

■ 69, 7.855, 347.948

■ 62, 35.268,
161.963

■ 71, 15.181,
348.701

■ 61, 41.403,
160.515

■ 73, 22.377,
349.391

■ 61, 46.941,
158.883

■ 75, 29.414,
350.034

■ 60, 51.810,
157.049

■ 77, 36.273,
350.640


■ 60, 55.986,
155.009

■ 78, 40.053,
348.014

■ 60, 59.605,

152.849

 78, 42.004,
343.509

 60, 59.814,
152.728

Harmonies

Complementary

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



65, 14.390, 165.447



59, 14.857, 348.917

Rectangle

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



65, 14.390, 165.447



65, 14.390, 215.447



65, 14.390, 345.447



65, 14.390, 35.447

Sweetspot

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



65, 14.391, 165.445



85, 5.521, 166.726



66, 18.985, 129.956



45, 3.656, 166.666



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, 14.391, 165.445



82, 21.053, 165.039



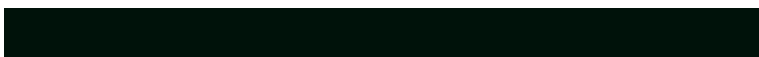
65, 10.960, 203.179



34, 4.172, 166.422



53, 54.268, 152.992



4, 6.753, 164.174

Inverse Universe

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



59, 14.857, 348.917



73, 21.877, 349.343



59, 12.453, 24.774



32, 4.239, 347.911



30, 55.536, 6.997



1, 6.343, 349.638

Previews

White Background



This preview shows how the CIELCh color 65, 14.390, 165.447 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, 14.390, 165.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

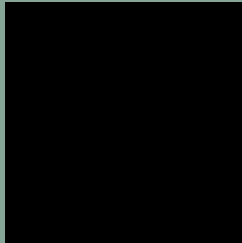
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

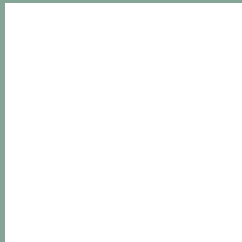
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 14.390, 165.447

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.390, 165.447.

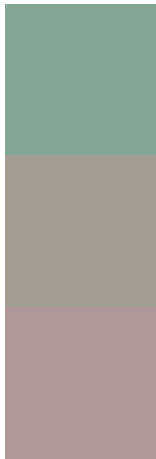


This preview shows how white text looks on a background with the CIELCh color 65, 14.390, 165.447.

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, 14.390, 165.447

Protanopia
65, 6.524, 88.212

Deuteranopia
65, 8.660, 16.525



Tritanopia
65, 10.976, 240.253

Trichromacy



Original Color
65, 14.390, 165.447

Protanomaly
65, 7.363, 134.381

Deuteranomaly
65, 2.866, 94.171

Tritanomaly
65, 9.922, 211.649

Monochromacy



Original Color
65, 14.390, 165.447

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.378, 167.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.390, 165.447 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(133, 165, 151)` looks like.

```
.text, #text, p{  
    color:rgb(133, 165, 151)  
}
```

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(133, 165, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 165, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.390, 165.447 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(133, 165, 151) }
```

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

```
.border{ border-color:rgb(133, 165, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 165, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 165, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 165, 151);  
box-shadow:4px 4px 4px 4px rgb(133, 165,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.390, 165.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 165, 151) }
```

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

```
.background{ background-color: rgb(133,  
165, 151) }
```

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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