

Converting Colors

CIELCh(65, 15.186, 153.786)

Have a look what the booklet for
CIELCh(65, 15.186, 153.786)
contains.

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Color

CIELCh(65, 15.114, 153.924)

Conversions

Conversions Part 1

Format	Color
Hex	88A491
RGB	136, 164, 145
RGB Percent	53%, 64%, 57%
CMY	0.4649, 0.3550, 0.4296
CMYK	0.17, 0.00, 0.12, 0.36
HSL	139°, 13%, 59%
HSV	139°, 17%, 64%
XYZ	28.7308, 34.0472, 32.0287
YIQ	153.4620, -10.5890, -11.8450

Conversions

Conversions Part 2

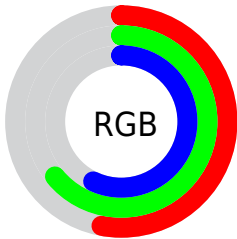
Format	Color
RYB	136, 157, 164
Decimal	8955025
CIELab	65.00, -13.58, 6.64
CIELCh	65, 15.114, 153.924
Yxy	34.0472, 0.3030, 0.3591
Android (android.graphics.Color)	4287145105 (0xFF88A491)
YUV	153.4620, -4.1718, -15.3142
Hunter-Lab	58.3500, -14.2211, 8.3003

Details

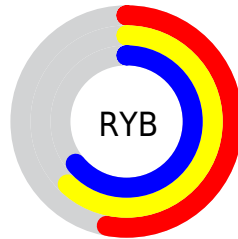
The CIELCh color $65, 15.114, 153.924$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 15.240, 336.334$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 14.943, 153.766$, and $45, 14.765, 154.482$ is the 20% darker color. If you saturate the color by 10%, you get $64, 23.985, 153.036$, and if you desaturate by 10%, it is $66, 6.216, 154.722$.

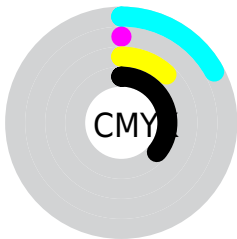
Distribution



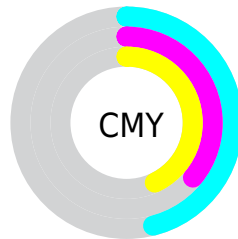
- Red (53%)
- Green (64%)
- Blue (57%)



- Red (53%)
- Yellow (62%)
- Blue (64%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)





- Cyan (46%)
- Magenta (36%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 15.114, 153.924 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, 15.114, 153.924 by changing the saturation by 10% instead.


 65, 15.114,
153.924


 65, 15.114,
153.924


 100, 15.114,
153.924


 55, 15.114,
153.924


 85, 15.114,
153.924

 45, 15.114,
153.924


 95, 15.114,
153.924

 35, 15.114,
153.924

 25, 15.114,
153.924

 15, 15.114,
153.924

 5, 15.114, 153.924

 0, 15.114, 153.924

65, 15.114,
153.924

65, 15.114,
153.924

64, 23.985,
153.036

66, 6.216, 154.722

63, 32.703,
152.024

68, 2.614, 335.239

62, 41.122,
150.864

70, 11.301,
335.929

61, 49.085,
149.537

72, 19.793,
336.479

60, 56.430,
148.027

74, 28.056,
336.968

60, 63.015,
146.335

76, 36.070,
337.409


59, 68.735,
144.479


78, 43.826,
337.810

59, 73.562,

78, 48.510,
333.769

142.537

 79, 52.771,
329.375

 59, 74.883,
142.007

Harmonies

Complementary

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



65, 15.114, 153.924



60, 15.240, 336.334

Rectangle

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



65, 15.114, 153.924



65, 15.114, 203.924



65, 15.114, 333.924



65, 15.114, 23.924

Sweetspot

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



65, 15.116, 153.923



85, 5.471, 154.879



66, 15.814, 121.492



45, 3.728, 154.824



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, 15.116, 153.923



82, 22.015, 153.639



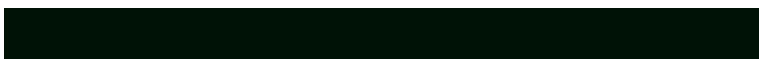
65, 10.761, 183.083



34, 4.974, 154.547



52, 68.039, 142.236



4, 7.899, 153.933

Inverse Universe

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



60, 15.240, 336.334



75, 22.223, 336.587



60, 11.544, 6.139



32, 5.002, 335.758



32, 60.145, 346.028



1, 7.413, 337.654

Previews

White Background



This preview shows how the CIELCh color 65, 15.114, 153.924 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, 15.114, 153.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

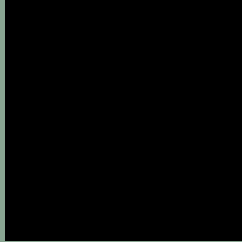
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 15.114, 153.924

Background



This preview shows how black text looks on a background with the CIELCh color 65, 15.114, 153.924.

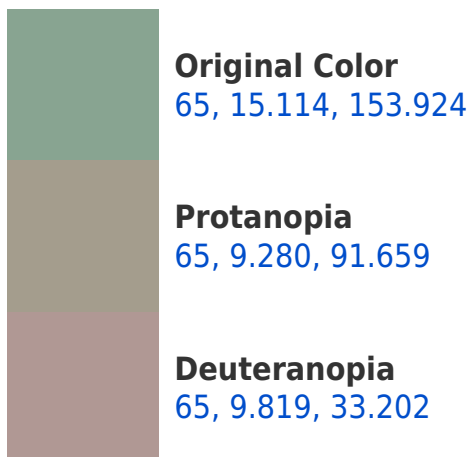


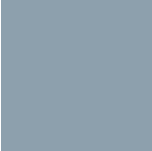
This preview shows how white text looks on a background with the CIELCh color 65, 15.114, 153.924.

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, 9.772, 246.938

Trichromacy



Original Color
65, 15.114, 153.924

Protanomaly
65, 9.710, 123.235

Deuteranomaly
65, 5.865, 89.966

Tritanomaly
65, 8.423, 202.523

Monochromacy



Original Color
65, 15.114, 153.924

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.496, 153.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 15.114, 153.924 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(136, 164, 145)` looks like.

```
.text, #text, p{  
    color:rgb(136, 164, 145)  
}
```

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(136, 164, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 164, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 15.114, 153.924 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(136, 164, 145) }
```

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

```
.border{ border-color:rgb(136, 164, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 164, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 164, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 164, 145);  
box-shadow:4px 4px 4px 4px rgb(136, 164,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 15.114, 153.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 164, 145) }
```

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

```
.background{ background-color: rgb(136,  
164, 145) }
```

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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