

Converting Colors

CIELCh(65, 19.234, 151.547)

Have a look what the booklet for
CIELCh(65, 19.234, 151.547)
contains.

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Color

CIELCh(65, 19.117, 151.428)

Conversions

Conversions Part 1

Format	Color
Hex	84A68D
RGB	132, 166, 141
RGB Percent	52%, 65%, 55%
CMY	0.4828, 0.3495, 0.4475
CMYK	0.20, 0.00, 0.15, 0.35
HSL	136°, 16%, 58%
HSV	136°, 20%, 65%
XYZ	27.9133, 34.0472, 30.2568
YIQ	152.9840, -12.2390, -14.9830

Conversions

Conversions Part 2

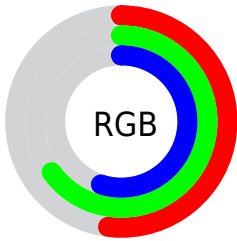
Format	Color
RYB	132, 159, 166
Decimal	8693389
CIELab	65.00, -16.79, 9.14
CIELCh	65, 19.117, 151.428
Yxy	34.0472, 0.3027, 0.3692
Android (android.graphics.Color)	4286883469 (0xFF84A68D)
YUV	152.9840, -5.9081, -18.4030
Hunter-Lab	58.3500, -16.7219, 10.1007

Details

The CIELCh color **65, 19.117, 151.428** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **59, 19.243, 334.247**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 18.991, 152.239**, and **45, 19.020, 151.465** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.418, 150.528**, and if you desaturate by 10%, it is **66, 9.758, 152.219**.

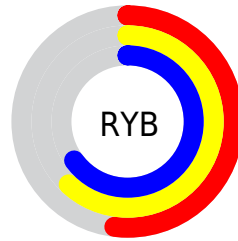
Distribution



Red (52%)

Green (65%)

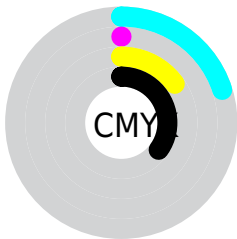
Blue (55%)



Red (52%)

Yellow (62%)

Blue (65%)

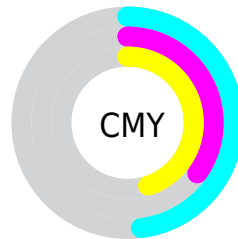


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (35%)



Cyan (48%)


Magenta (35%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.117, 151.428 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, 19.117, 151.428 by changing the saturation by 10% instead.


 65, 19.117,
151.428


 65, 19.117,
151.428


 100, 19.117,
151.428


 55, 19.117,
151.428


 85, 19.117,
151.428


 45, 19.117,
151.428


 95, 19.117,
151.428

 35, 19.117,
151.428

 25, 19.117,
151.428

 15, 19.117,
151.428

 5, 19.117, 151.428

 0, 19.117, 151.428

65, 19.117,
151.428

65, 19.117,
151.428

64, 28.418,
150.528

66, 9.758, 152.219

63, 37.517,
149.495

68, 0.450, 153.500

70, 8.719, 333.428

62, 46.249,
148.307

72, 17.689,
333.969

61, 54.436,
146.951

73, 26.420,
334.440

60, 61.896,
145.422

76, 34.888,
334.859

60, 68.470,
143.737


78, 43.081,
335.235

60, 74.030,
141.941

79, 49.033,
332.279

59, 78.402,

140.290

 79, 53.819,
327.735

Harmonies

Complementary

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



65, 19.117, 151.428



59, 19.243, 334.247

Rectangle

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



65, 19.117, 151.428



65, 19.117, 201.428



65, 19.117, 331.428



65, 19.117, 21.428

Sweetspot

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



65, 19.118, 151.427



85, 6.916, 152.548



67, 18.947, 118.648



45, 4.626, 152.501



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, 19.118, 151.427



82, 28.993, 150.996



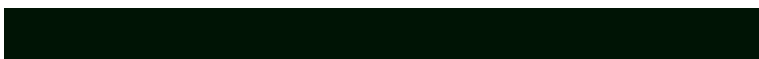
65, 13.440, 177.649



35, 5.321, 152.308



53, 71.744, 140.482



5, 9.947, 151.524

Inverse Universe

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



59, 19.243, 334.247



73, 29.209, 334.604



58, 14.405, 1.572



33, 5.343, 333.467



33, 63.146, 342.049



2, 9.198, 335.777

Previews

White Background



This preview shows how the CIELCh color 65, 19.117, 151.428 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, 19.117, 151.428 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, 19.117, 151.428

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.117, 151.428.

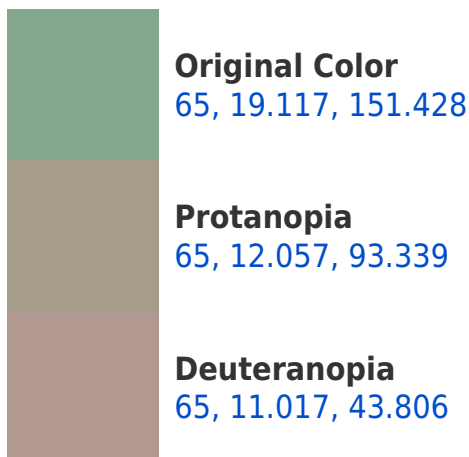


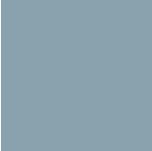
This preview shows how white text looks on a background with the CIELCh color 65, 19.117, 151.428.

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, 10.725, 241.458

Trichromacy



Original Color
65, 19.117, 151.428

Protanomaly
65, 12.490, 121.737

Deuteranomaly
65, 7.906, 97.752

Tritanomaly
65, 9.888, 195.342

Monochromacy



Original Color
65, 19.117, 151.428

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 7.114, 154.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.117, 151.428 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(132, 166, 141)` looks like.

```
.text, #text, p{  
    color:rgb(132, 166, 141)  
}
```

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(132, 166, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 166, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.117, 151.428 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(132, 166, 141) }
```

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

```
.border{ border-color:rgb(132, 166, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 166, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 166, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 166, 141);  
box-shadow:4px 4px 4px 4px rgb(132, 166,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.117, 151.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 166, 141) }
```

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

```
.background{ background-color: rgb(132,  
166, 141) }
```

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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