

Converting Colors

CIELCh(65, 14.336, 117.517)

Have a look what the booklet for
CIELCh(65, 14.336, 117.517)
contains.

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Color

CIELCh(65, 14.550, 118.155)

Conversions

Conversions Part 1

Format	Color
Hex	9BA187
RGB	155, 161, 135
RGB Percent	61%, 63%, 53%
CMY	0.3935, 0.3699, 0.4719
CMYK	0.04, 0.00, 0.16, 0.37
HSL	74°, 12%, 58%
HSV	74°, 16%, 63%
XYZ	30.4891, 34.0472, 27.7654
YIQ	156.2420, 4.7700, -9.3580

Conversions

Conversions Part 2

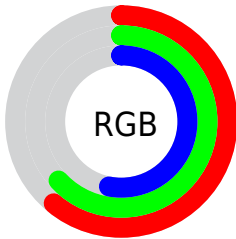
Format	Color
RYB	135, 161, 141
Decimal	10199431
CIELab	65.00, -6.87, 12.83
CIELCh	65, 14.550, 118.155
Yxy	34.0472, 0.3303, 0.3689
Android (android.graphics.Color)	4288389511 (0xFF9BA187)
YUV	156.2420, -10.4723, -1.0892
Hunter-Lab	58.3500, -8.8425, 12.6323

Details

The CIELCh color **65, 14.550, 118.155** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 15.037, 300.298**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 14.814, 117.686**, and **45, 14.980, 118.158** is the 20% darker color. If you saturate the color by 10%, you get **64, 23.462, 117.514**, and if you desaturate by 10%, it is **66, 5.561, 118.799**.

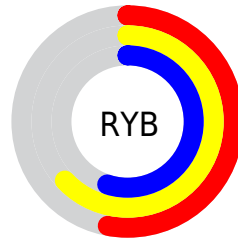
Distribution



Red (61%)

Green (63%)

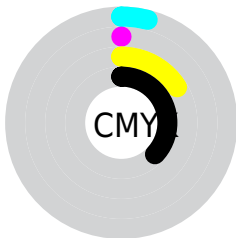
Blue (53%)



Red (53%)

Yellow (63%)

Blue (55%)

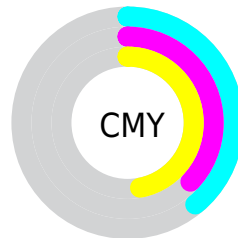


Cyan (4%)

Magenta (0%)

Yellow (16%)

Black (37%)



Cyan (39%)


Magenta (37%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 14.550, 118.155 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, 14.550, 118.155 by changing the saturation by 10% instead.


 65, 14.550,
118.155


 65, 14.550,
118.155


 100, 14.550,
118.155


 55, 14.550,
118.155


 85, 14.550,
118.155

 45, 14.550,
118.155

 95, 14.550,
118.155

 35, 14.550,
118.155

 25, 14.550,
118.155

 15, 14.550,
118.155

 5, 14.550, 118.155

 0, 14.550, 118.155

65, 14.550,
118.155

65, 14.550,
118.155

64, 23.462,
117.514

66, 5.561, 118.799

64, 32.211,
116.882

66, 3.453, 299.408

63, 40.679,
116.289

67, 12.454,
300.003

63, 48.684,
115.780

68, 21.411,
300.563

62, 55.966,
115.414

69, 30.306,
301.089

62, 62.171,
115.271

70, 39.122,
301.580

62, 66.901,
115.446

71, 47.848,
302.037

61, 69.925,

71, 52.146,
302.889

116.003

■ 72, 52.287,
304.150

■ 61, 70.905,
116.244

Harmonies

Complementary

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



65, 14.550, 118.155



57, 15.037, 300.298

Rectangle

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



65, 14.550, 118.155



65, 14.550, 168.155



65, 14.550, 298.155



65, 14.550, 348.155

Sweetspot

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



65, 14.552, 118.159



83, 5.576, 118.868



60, 8.850, 40.997



44, 3.797, 118.826



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 14.552, 118.159



82, 21.161, 117.954



64, 16.221, 135.554



34, 5.158, 118.602



56, 65.854, 116.142



5, 8.114, 121.150

Inverse Universe

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



57, 15.037, 300.298



71, 22.013, 300.549



59, 16.407, 316.923



32, 5.259, 299.789



17, 86.169, 307.686



1, 8.044, 298.345

Previews

White Background



This preview shows how the CIELCh color 65, 14.550, 118.155 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, 14.550, 118.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

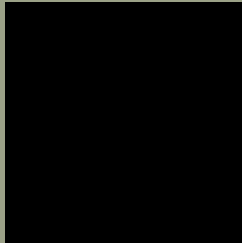
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

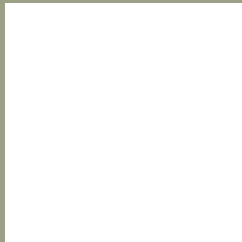
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 14.550, 118.155

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.550, 118.155.



This preview shows how white text looks on a background with the CIELCh color 65, 14.550, 118.155.

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, 14.550, 118.155

Protanopia
65, 13.769, 93.282

Deuteranopia
65, 14.598, 57.298



Tritanopia
65, 6.790, 300.354

Trichromacy



Original Color
65, 14.550, 118.155

Protanomaly
65, 13.357, 101.775

Deuteranomaly
65, 12.400, 77.330

Tritanomaly
65, 1.171, 129.100

Monochromacy



Original Color
65, 14.550, 118.155

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 5.600, 117.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.550, 118.155 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(155, 161, 135)` looks like.

```
.text, #text, p{  
    color:rgb(155, 161, 135)  
}
```

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(155, 161, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 161, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.550, 118.155 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(155, 161, 135) }
```

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

```
.border{ border-color:rgb(155, 161, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 161, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 161, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 161, 135);  
box-shadow:4px 4px 4px 4px rgb(155, 161,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.550, 118.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 161, 135) }
```

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

```
.background{ background-color: rgb(155,  
161, 135) }
```

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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