

Converting Colors

CIELCh(66, 14.665, 121.210)

Have a look what the booklet for
CIELCh(66, 14.665, 121.210)
contains.

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Color

CIELCh(66, 14.665, 121.210)

Conversions

Conversions Part 1

Format	Color
Hex	9CA48A
RGB	156, 164, 138
RGB Percent	61%, 64%, 54%
CMY	0.3893, 0.3579, 0.4598
CMYK	0.05, 0.00, 0.16, 0.36
HSL	78°, 12%, 59%
HSV	78°, 16%, 64%
XYZ	31.4549, 35.3238, 29.1064
YIQ	158.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

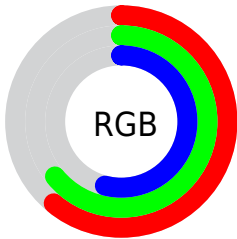
Format	Color
RYB	138, 164, 146
Decimal	10265738
CIELab	66.00, -7.60, 12.54
CIELCh	66, 14.665, 121.210
Yxy	35.3238, 0.3280, 0.3684
Android (android.graphics.Color)	4288455818 (0xFF9CA48A)
YUV	158.6440, -10.1775, -2.3188
Hunter-Lab	59.4338, -9.5394, 12.5677

Details

The CIELCh color **66, 14.665, 121.210** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 15.108, 303.044**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 14.919, 120.517**, and **46, 14.452, 120.302** is the 20% darker color. If you saturate the color by 10%, you get **65, 23.837, 120.640**, and if you desaturate by 10%, it is **67, 5.428, 121.781**.

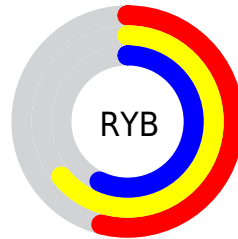
Distribution



Red (61%)

Green (64%)

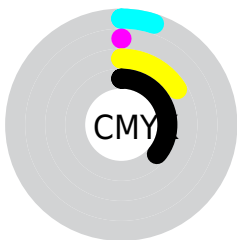
Blue (54%)



Red (54%)

Yellow (64%)

Blue (57%)

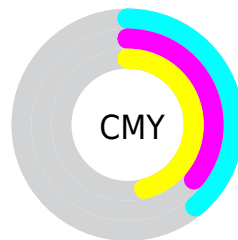


Cyan (5%)

Magenta (0%)

Yellow (16%)

Black (36%)



Cyan (39%)


Magenta (36%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 14.665, 121.210 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 66, 14.665, 121.210 by changing the saturation by 10% instead.


 66, 14.665,
121.210


 66, 14.665,
121.210


 100, 14.665,
121.210


 56, 14.665,
121.210


 86, 14.665,
121.210

 46, 14.665,
121.210

 96, 14.665,
121.210

 36, 14.665,
121.210

 26, 14.665,
121.210

 16, 14.665,
121.210

 6, 14.665, 121.210

 0, 14.665, 121.210

■ 66, 14.665,
121.210

■ 66, 14.665,
121.210

■ 65, 23.837,
120.640

■ 67, 5.428, 121.781

■ 65, 32.857,
120.077

■ 68, 3.821, 302.303

■ 64, 41.605,
119.553

■ 69, 13.040,
302.824

■ 63, 49.899,
119.112

■ 69, 22.200,
303.307

■ 63, 57.477,
118.822

■ 70, 31.279,
303.755

■ 63, 63.987,
118.771

■ 72, 40.261,
304.169

■ 62, 69.026,
119.066

■ 73, 49.134,
304.551

■ 62, 72.337,

■ 73, 50.764,
306.114

119.787

74, 51.053,
307.913

62, 73.487,
120.121

Harmonies

Complementary

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



66, 14.665, 121.210



59, 15.108, 303.044

Rectangle

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



66, 14.665, 121.210



66, 14.665, 171.210



66, 14.665, 301.210



66, 14.665, 351.210

Sweetspot

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



66, 14.667, 121.214



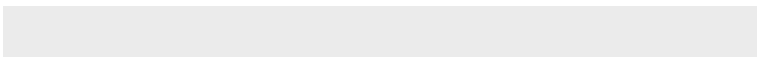
84, 5.691, 121.826



62, 8.550, 50.520



45, 3.914, 121.788



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 14.667, 121.214



83, 21.617, 121.015



65, 16.576, 138.071



34, 5.214, 121.590



55, 67.279, 119.976



5, 8.217, 124.218

Inverse Universe

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



59, 15.108, 303.044



72, 22.415, 303.279



60, 16.705, 319.492



32, 5.309, 302.622



18, 85.111, 308.607



1, 8.112, 301.002

Previews

White Background



This preview shows how the CIELCh color 66, 14.665, 121.210 looks on a white background.

Color Contrast Check

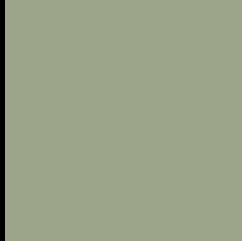
Large Text (above 18pt) WCAG AA × Fail

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 66, 14.665, 121.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

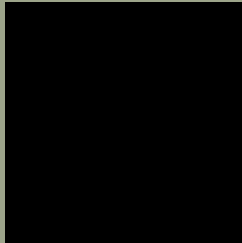
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

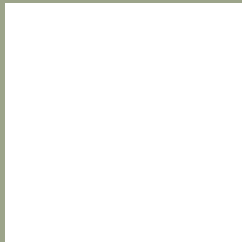
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 14.665, 121.210

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.665, 121.210.



This preview shows how white text looks on a background with the CIELCh color 66, 14.665, 121.210.

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
66, 14.665, 121.210

Protanopia
66, 13.721, 93.322

Deuteranopia
66, 14.205, 53.015



Tritanopia
66, 7.262, 296.778

Trichromacy



Original Color
66, 14.665, 121.210

Protanomaly
66, 13.270, 103.542

Deuteranomaly
66, 12.138, 79.011

Tritanomaly
66, 0.941, 163.919

Monochromacy



Original Color
66, 14.665, 121.210

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.120, 122.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.665, 121.210 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(156, 164, 138)` looks like.

```
.text, #text, p{  
    color:rgb(156, 164, 138)  
}
```

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(156, 164, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 164, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.665, 121.210 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(156, 164, 138) }
```

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

```
.border{ border-color:rgb(156, 164, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 164, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 164, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 164, 138);  
box-shadow:4px 4px 4px 4px rgb(156, 164,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.665, 121.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 164, 138) }
```

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

```
.background{ background-color: rgb(156,  
164, 138) }
```

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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