

Converting Colors

CIELCh(66, 8.646, 142.195)

Have a look what the booklet for
CIELCh(66, 8.646, 142.195) contains.

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Color

CIELCh(66, 8.578, 141.975)

Conversions

Conversions Part 1

Format	Color
Hex	98A497
RGB	152, 164, 151
RGB Percent	60%, 64%, 59%
CMY	0.4050, 0.3580, 0.4089
CMYK	0.07, 0.00, 0.08, 0.36
HSL	115°, 7%, 62%
HSV	115°, 8%, 64%
XYZ	31.6852, 35.3238, 34.3083
YIQ	158.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

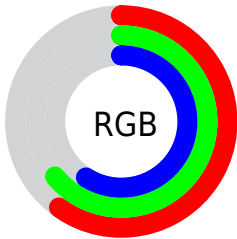
Format	Color
RYB	151, 164, 163
Decimal	10003607
CIELab	66.00, -6.76, 5.28
CIElCh	66, 8.578, 141.975
Yxy	35.3238, 0.3127, 0.3486
Android (android.graphics.Color)	4288193687 (0xFF98A497)
YUV	158.9300, -3.9095, -6.0776
Hunter-Lab	59.4338, -8.8479, 7.3785

Details

The CIELCh color $66, 8.578, 141.975$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.605, 322.724$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.760, 142.206$, and $46, 8.481, 141.661$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.488, 141.372$, and if you desaturate by 10%, it is $68, 2.220, 322.365$.

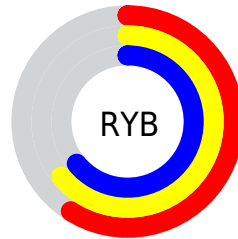
Distribution



Red (60%)

Green (64%)

Blue (59%)



Red (59%)

Yellow (64%)

Blue (64%)

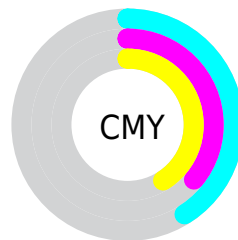


Cyan (7%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (41%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.578, 141.975 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, 8.578, 141.975 by changing the saturation by 10% instead.

66, 8.578, 141.975

66, 8.578, 141.975

100, 8.578,
141.975

56, 8.578, 141.975

86, 8.578, 141.975

46, 8.578, 141.975

96, 8.578, 141.975

36, 8.578, 141.975

26, 8.578, 141.975

16, 8.578, 141.975

6, 8.578, 141.975

0, 8.578, 141.975

66, 8.578, 141.975

66, 8.578, 141.975

65, 19.488,

68, 2.220, 322.365

141.372

69, 12.825,
322.874

63, 30.381,
140.685

71, 23.179,
323.248

62, 41.093,
139.908

73, 33.246,
323.563

61, 51.400,
139.050

75, 43.008,
323.829

60, 61.016,
138.142

77, 52.461,
324.055

60, 69.581,
137.251

79, 56.906,
326.383

59, 76.667,
136.481

59, 81.844,
135.963

59, 84.998,
135.721

Harmonies

Complementary

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



66, 8.578, 141.975



64, 8.605, 322.724

Rectangle

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



66, 8.578, 141.975



66, 8.578, 191.975



66, 8.578, 321.975



66, 8.578, 11.975

Sweetspot

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



66, 8.580, 141.976



84, 2.646, 142.355



67, 6.570, 105.788



45, 1.516, 142.366



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, 8.580, 141.976



83, 13.340, 141.846



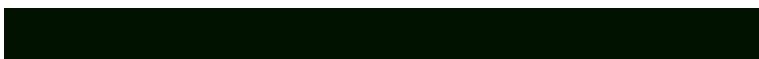
66, 6.519, 158.868



34, 6.103, 141.899



52, 78.331, 135.589



4, 9.489, 142.562

Inverse Universe

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



64, 8.605, 322.724



79, 13.379, 322.840



64, 6.570, 339.966



32, 6.121, 322.793



32, 76.366, 325.291



1, 9.401, 321.705

Previews

White Background



This preview shows how the CIELCh color 66, 8.578, 141.975 looks on a white background.

Color Contrast Check

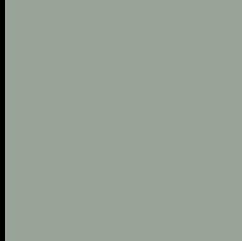
Large Text (above 18pt) WCAG AA × Fail

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 66, 8.578, 141.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

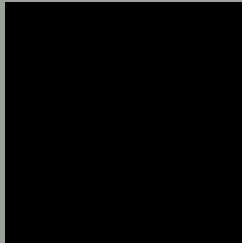
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

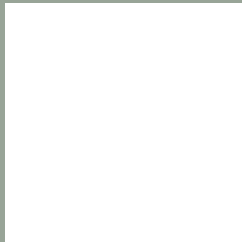
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 8.578, 141.975

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.578, 141.975.



This preview shows how white text looks on a background with the CIELCh color 66, 8.578, 141.975.

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

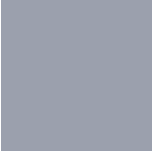
66, 8.578, 141.975

Protanopia

66, 7.020, 89.772

Deuteranopia

66, 9.540, 26.837



Tritanopia
66, 7.402, 276.644

Trichromacy



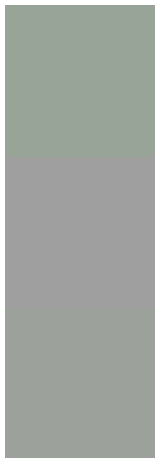
Original Color
66, 8.578, 141.975

Protanomaly
66, 6.620, 109.470

Deuteranomaly
66, 5.427, 57.201

Tritanomaly
66, 3.395, 240.203

Monochromacy



Original Color
66, 8.578, 141.975

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 3.378, 144.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.578, 141.975 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(152, 164, 151)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 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(152, 164, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.578, 141.975 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(152, 164, 151) }
```

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

```
.border{ border-color:rgb(152, 164, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 151);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.578, 141.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 151) }
```

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

```
.background{ background-color: rgb(152,  
164, 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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