

Converting Colors

CIELCh(66, 18.858, 124.298)

Have a look what the booklet for
CIELCh(66, 18.858, 124.298)
contains.

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Color

CIELCh(66, 18.878, 124.292)

Conversions

Conversions Part 1

Format	Color
Hex	98A584
RGB	152, 165, 132
RGB Percent	60%, 65%, 52%
CMY	0.4033, 0.3523, 0.4818
CMYK	0.08, 0.00, 0.20, 0.35
HSL	84°, 16%, 58%
HSV	84°, 20%, 65%
XYZ	30.6335, 35.3238, 27.0853
YIQ	157.3510, 2.8450, -13.0190

Conversions

Conversions Part 2

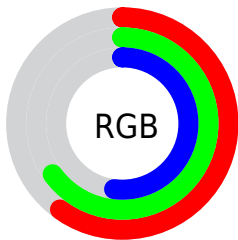
Format	Color
RYB	132, 165, 145
Decimal	10003844
CIELab	66.00, -10.64, 15.60
CIELCh	66, 18.878, 124.292
Yxy	35.3238, 0.3292, 0.3797
Android (android.graphics.Color)	4288193924 (0xFF98A584)
YUV	157.3510, -12.4980, -4.6928
Hunter-Lab	59.4338, -12.0063, 14.5840

Details

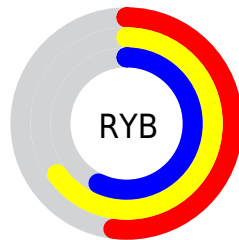
The CIELCh color $66, 18.878, 124.292$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $57, 19.513, 306.342$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 19.010, 124.713$, and $46, 18.935, 123.698$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.239, 123.780$, and if you desaturate by 10%, it is $67, 9.436, 124.805$.

Distribution



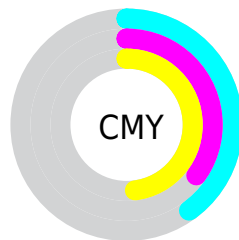
- Red (60%)
- Green (65%)
- Blue (52%)



- Red (52%)
- Yellow (65%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)





- Cyan (40%)
- Magenta (35%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 18.878, 124.292 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, 18.878, 124.292 by changing the saturation by 10% instead.

 66, 18.878,
124.292


 66, 18.878,
124.292


 100, 18.878,
124.292


 56, 18.878,
124.292


 86, 18.878,
124.292

 46, 18.878,
124.292

 96, 18.878,
124.292

 36, 18.878,
124.292

 26, 18.878,
124.292

 16, 18.878,
124.292

 6, 18.878, 124.292

 0, 18.878, 124.292

66, 18.878,
124.292

66, 18.878,
124.292

65, 28.239,
123.780

67, 9.436, 124.805

64, 37.414,
123.282

68, 0.022, 301.996

69, 9.445, 305.732

64, 46.258,
122.835

70, 18.799,
306.161

63, 54.559,
122.496

71, 28.058,
306.554

63, 62.014,
122.345

72, 37.204,
306.913

62, 68.241,
122.491

73, 46.224,
307.240

62, 72.853,
123.048

74, 50.371,
308.701

61, 76.013,

123.961

■ 75, 50.843,
311.061

■ 61, 76.017,
123.962

Harmonies

Complementary

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



66, 18.878, 124.292



57, 19.513, 306.342

Rectangle

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



66, 18.878, 124.292



66, 18.878, 174.292



66, 18.878, 304.292



66, 18.878, 354.292

Sweetspot

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



66, 18.880, 124.295



85, 7.001, 125.001



62, 10.972, 59.957



45, 4.636, 124.970



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, 18.880, 124.295



83, 27.987, 124.065



65, 21.600, 140.177



34, 5.293, 124.841



54, 69.124, 123.790



4, 8.349, 127.310

Inverse Universe

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



57, 19.513, 306.342



70, 29.154, 306.611



59, 21.716, 322.171



32, 5.379, 305.737



20, 83.739, 309.963



1, 8.208, 303.919

Previews

White Background



This preview shows how the CIELCh color 66, 18.878, 124.292 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, 18.878, 124.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

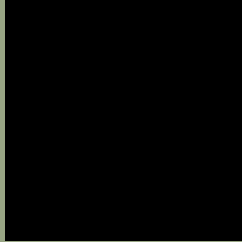
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 18.878, 124.292

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.878, 124.292.

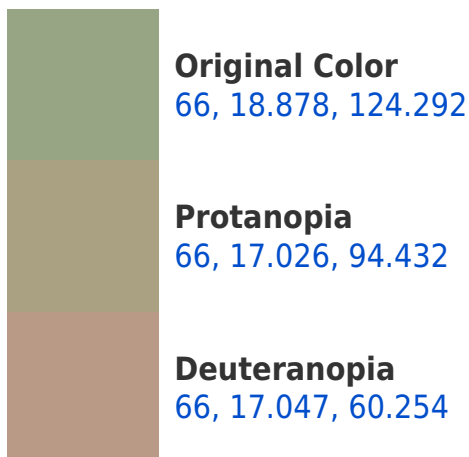



This preview shows how white text looks on a background with the CIELCh color 66, 18.878, 124.292.

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
66, 6.681, 284.554

Trichromacy



Original Color
66, 18.878, 124.292

Protanomaly
66, 17.052, 105.624

Deuteranomaly
66, 15.130, 84.698

Tritanomaly
66, 3.196, 155.505

Monochromacy



Original Color
66, 18.878, 124.292

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.926, 125.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 18.878, 124.292 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, 165, 132)` looks like.

```
.text, #text, p{  
    color:rgb(152, 165, 132)  
}
```

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, 165, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 165, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.878, 124.292 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, 165, 132) }
```

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

```
.border{ border-color:rgb(152, 165, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 165, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 165, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 165, 132);  
box-shadow:4px 4px 4px 4px rgb(152, 165,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.878, 124.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 165, 132) }
```

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

```
.background{ background-color: rgb(152,  
165, 132) }
```

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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