

Converting Colors

CIELCh(66, 26.295, 133.793)

Have a look what the booklet for
CIELCh(66, 26.295, 133.793)
contains.

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Color

CIELCh(66, 26.285, 133.770)

Conversions

Conversions Part 1

Format	Color
Hex	8CA97E
RGB	140, 169, 126
RGB Percent	55%, 66%, 49%
CMY	0.4520, 0.3383, 0.5069
CMYK	0.17, 0.00, 0.25, 0.34
HSL	100°, 20%, 58%
HSV	100°, 25%, 66%
XYZ	28.6546, 35.3238, 24.9572
YIQ	155.4270, -3.4810, -19.5210

Conversions

Conversions Part 2

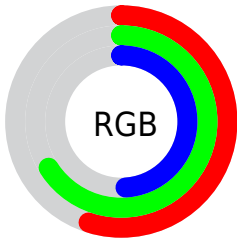
Format	Color
RYB	126, 169, 155
Decimal	9218430
CIELab	66.00, -18.18, 18.98
CIELCh	66, 26.285, 133.770
Yxy	35.3238, 0.3222, 0.3972
Android (android.graphics.Color)	4287408510 (0xFF8CA97E)
YUV	155.4270, -14.5075, -13.5295
Hunter-Lab	59.4338, -17.9498, 16.7069

Details

The CIELCh color **66, 26.285, 133.770** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **57, 26.837, 315.989**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 26.037, 133.772**, and **46, 26.304, 134.160** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.516, 133.250**, and if you desaturate by 10%, it is **67, 15.952, 134.263**.

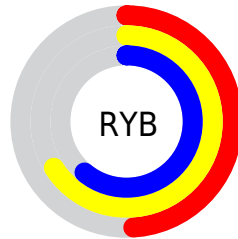
Distribution



Red (55%)

Green (66%)

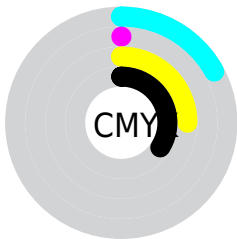
Blue (49%)



Red (49%)

Yellow (66%)

Blue (61%)

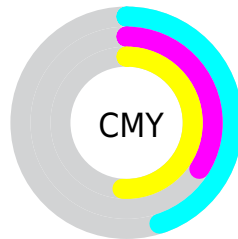


Cyan (17%)

Magenta (0%)

Yellow (25%)

Black (34%)



Cyan (45%)


Magenta (34%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 26.285, 133.770 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, 26.285, 133.770 by changing the saturation by 10% instead.


 66, 26.285,
133.770


 66, 26.285,
133.770


 100, 26.285,
133.770


 56, 26.285,
133.770


 86, 26.285,
133.770

 46, 26.285,
133.770

 96, 26.285,
133.770

 36, 26.285,
133.770

 26, 26.285,
133.770

 16, 26.285,
133.770

 6, 26.285, 133.770

 0, 26.285, 133.770

66, 26.285,
133.770

66, 26.285,
133.770

65, 36.516,
133.250

67, 15.952,
134.263

64, 46.489,
132.719

68, 5.621, 134.725

63, 55.996,
132.222

70, 4.629, 315.063

62, 64.746,
131.825

71, 14.743,
315.437

62, 72.359,
131.630

73, 24.682,
315.750

61, 78.402,
131.762

74, 34.423,
316.020


61, 82.558,
132.311

76, 43.949,
316.253

61, 84.089,

78, 50.558,
317.803

132.571

 79, 51.992,
321.880

Harmonies

Complementary

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



66, 26.285, 133.770



57, 26.837, 315.989

Rectangle

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



66, 26.285, 133.770



66, 26.285, 183.770



66, 26.285, 313.770



66, 26.285, 3.770

Sweetspot

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



66, 26.287, 133.771



86, 10.177, 134.602



64, 16.979, 87.919



45, 7.227, 134.535



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 26.287, 133.771



83, 39.549, 133.457



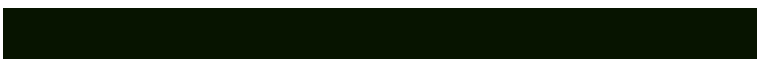
65, 25.910, 147.597



35, 5.807, 134.550



54, 76.197, 132.423



5, 10.721, 136.360

Inverse Universe

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



57, 26.837, 315.989



69, 40.578, 316.253



58, 25.991, 330.931



33, 5.857, 315.285



26, 80.077, 316.744



1, 10.384, 312.412

Previews

White Background



This preview shows how the CIELCh color 66, 26.285, 133.770 looks on a white background.

Color Contrast Check

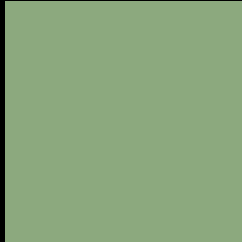
Large Text (above 18pt) WCAG AA × Fail

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, 26.285, 133.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

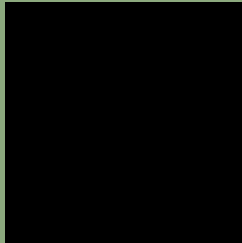
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 26.285, 133.770

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.285, 133.770.



This preview shows how white text looks on a background with the CIELCh color 66, 26.285, 133.770.

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](#).

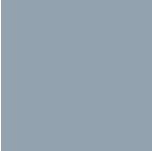
Dichromacy



Original Color
66, 26.285, 133.770

Protanopia
66, 21.395, 95.529

Deuteranopia
66, 19.386, 65.089



Tritanopia
66, 8.883, 253.589

Trichromacy



Original Color
66, 26.285, 133.770

Protanomaly
66, 21.950, 111.076

Deuteranomaly
66, 17.580, 94.763

Tritanomaly
66, 8.505, 171.533

Monochromacy



Original Color
66, 26.285, 133.770

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.886, 134.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.285, 133.770 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(140, 169, 126)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 126)  
}
```

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(140, 169, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.285, 133.770 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(140, 169, 126) }
```

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

```
.border{ border-color:rgb(140, 169, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 169, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 169, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 169, 126);  
box-shadow:4px 4px 4px 4px rgb(140, 169,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.285, 133.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 126) }
```

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

```
.background{ background-color: rgb(140,  
169, 126) }
```

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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