

Converting Colors

CIELCh(66, 9.878, 78.101)

Have a look what the booklet for
CIELCh(66, 9.878, 78.101) contains.

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Color

CIELCh(66, 10.054, 80.653)

Conversions

Conversions Part 1

Format	Color
Hex	AB9F8F
RGB	171, 159, 143
RGB Percent	67%, 62%, 56%
CMY	0.3303, 0.3774, 0.4401
CMYK	0.00, 0.07, 0.16, 0.33
HSL	34°, 14%, 61%
HSV	34°, 16%, 67%
XYZ	34.0417, 35.3238, 30.9200
YIQ	160.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

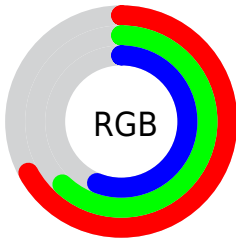
Format	Color
RYB	164, 171, 143
Decimal	11247503
CIELab	66.00, 1.63, 9.92
CIELCh	66, 10.054, 80.653
Yxy	35.3238, 0.3394, 0.3522
Android (android.graphics.Color)	4289437583 (0xFFAB9F8F)
YUV	160.7640, -8.7577, 8.9770
Hunter-Lab	59.4338, -1.7704, 10.7585

Details

The CIELCh color **66, 10.054, 80.653** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 9.823, 265.060**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 9.949, 82.473**, and **46, 10.098, 80.566** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.473, 79.372**, and if you desaturate by 10%, it is **68, 3.850, 81.889**.

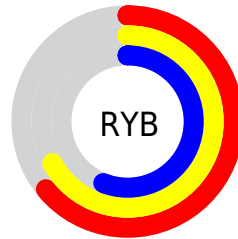
Distribution



Red (67%)

Green (62%)

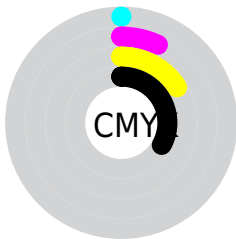
Blue (56%)



Red (64%)

Yellow (67%)

Blue (56%)

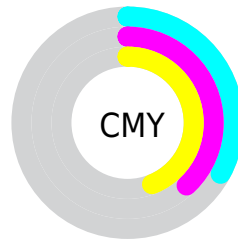


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 10.054, 80.653 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, 10.054, 80.653 by changing the saturation by 10% instead.

■ 66, 10.054, 80.653

■ 66, 10.054, 80.653

■ 100, 10.054,
80.653

■ 56, 10.054, 80.653

■ 86, 10.054, 80.653

■ 46, 10.054, 80.653

■ 96, 10.054, 80.653

■ 36, 10.054, 80.653

■ 26, 10.054, 80.653

■ 16, 10.054, 80.653

■ 6, 10.054, 80.653

■ 0, 10.054, 80.653

■ 66, 10.054, 80.653

■ 66, 10.054, 80.653

■ 64, 16.473, 79.372

■ 68, 3.850, 81.889

61, 23.105, 78.044

71, 2.150, 263.320

59, 29.926, 76.682

73, 7.962, 264.413

57, 36.867, 75.278

76, 13.603,
265.539

55, 43.775, 73.803

78, 19.090,
266.625

53, 50.348, 72.185

51, 56.048, 70.276

81, 24.439,
267.664

49, 60.199, 67.864

83, 26.295,
264.527

49, 61.621, 67.016

85, 24.093,
254.704

87, 22.696,
243.438

Harmonies

Complementary

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



66, 10.054, 80.653



63, 9.823, 265.060

Rectangle

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



66, 10.054, 80.653



66, 10.054, 130.653



66, 10.054, 260.653



66, 10.054, 310.653

Sweetspot

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



66, 10.055, 80.665



87, 3.717, 82.033



62, 12.834, 348.864



46, 2.560, 81.959



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 10.055, 80.665



83, 15.285, 80.158



69, 15.274, 111.409



34, 3.387, 81.550



42, 55.381, 67.465



4, 5.743, 74.887

Inverse Universe

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



63, 9.823, 265.060



79, 14.833, 265.701



60, 15.846, 294.361



34, 3.350, 264.019



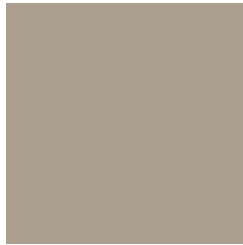
29, 54.263, 289.548



2, 6.473, 268.194

Previews

White Background



This preview shows how the CIELCh color 66, 10.054, 80.653 looks on a white background.

Color Contrast Check

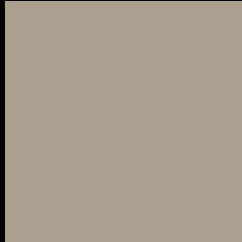
Large Text (above 18pt) WCAG AA × Fail

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, 10.054, 80.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

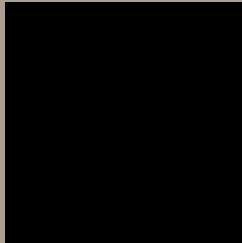
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 10.054, 80.653

Background



This preview shows how black text looks on a background with the CIELCh color 66, 10.054, 80.653.



This preview shows how white text looks on a background with the CIELCh color 66, 10.054, 80.653.

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, 10.054, 80.653

Protanopia

66, 9.777, 92.570

Deuteranopia

66, 12.529, 49.038



Tritanopia
66, 9.853, 337.950

Trichromacy



Original Color
66, 10.054, 80.653

Protanomaly
66, 9.899, 90.337

Deuteranomaly
66, 11.093, 56.492

Tritanomaly
66, 6.693, 10.486

Monochromacy



Original Color
66, 10.054, 80.653

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.824, 79.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 10.054, 80.653 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(171, 159, 143)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 143)  
}
```

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(171, 159, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 10.054, 80.653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

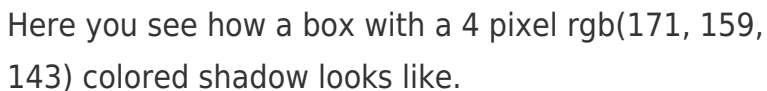
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 159, 143) }
```

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

```
.border{ border-color:rgb(171, 159, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 159, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 159, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 159, 143); box-shadow:4px 4px 4px 4px rgb(171, 159, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 10.054, 80.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 143) }
```

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

```
.background{ background-color: rgb(171,  
159, 143) }
```

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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