

Converting Colors

CIELCh(66, 8.300, 330.850)

Have a look what the booklet for
CIELCh(66, 8.300, 330.850) contains.

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Color

CIELCh(66, 8.784, 331.033)

Conversions

Conversions Part 1

Format	Color
Hex	AB9CA8
RGB	171, 156, 168
RGB Percent	67%, 61%, 66%
CMY	0.3289, 0.3877, 0.3407
CMYK	0.00, 0.09, 0.02, 0.33
HSL	312°, 8%, 64%
HSV	312°, 9%, 67%
XYZ	35.8122, 35.3238, 42.0391
YIQ	161.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

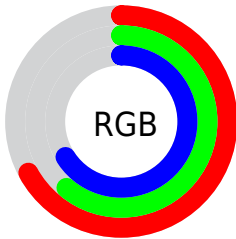
Format	Color
RYB	171, 156, 168
Decimal	11246760
CIELab	66.00, 7.69, -4.25
CIELCh	66, 8.784, 331.033
Yxy	35.3238, 0.3164, 0.3121
Android (android.graphics.Color)	4289436840 (0xFFAB9CA8)
YUV	161.8530, 3.0305, 8.0219
Hunter-Lab	59.4338, 3.5471, -0.3337

Details

The CIELCh color $66, 8.784, 331.033$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.754, 150.003$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.965, 330.493$, and $46, 8.684, 331.716$ is the 20% darker color. If you saturate the color by 10%, you get $62, 18.900, 331.683$, and if you desaturate by 10%, it is $71, 1.218, 150.684$.

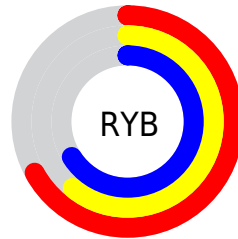
Distribution



Red (67%)

Green (61%)

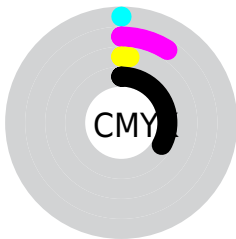
Blue (66%)



Red (67%)

Yellow (61%)

Blue (66%)

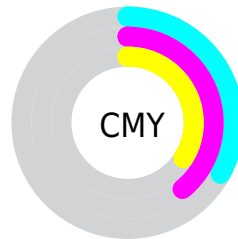


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.784, 331.033 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, 8.784, 331.033 by changing the saturation by 10% instead.

66, 8.784, 331.033

66, 8.784, 331.033

100, 8.784,
331.033

56, 8.784, 331.033

86, 8.784, 331.033

46, 8.784, 331.033

96, 8.784, 331.033

36, 8.784, 331.033

26, 8.784, 331.033

16, 8.784, 331.033

6, 8.784, 331.033

0, 8.784, 331.033

66, 8.784, 331.033

66, 8.784, 331.033

62, 18.900,

71, 1.218, 150.684

331.683

75, 11.012,
149.902

57, 28.993,
332.343

80, 20.551,
149.336

53, 38.847,
333.022

85, 29.810,
148.805

49, 48.164,
333.723

90, 38.785,
148.305

46, 56.560,
334.450

93, 45.263,
148.241

43, 63.595,
335.215

93, 43.902,
149.666

41, 68.847,
336.036

94, 42.560,
151.174

40, 72.023,
336.946

94, 41.239,
152.774

39, 73.323,
337.964

Harmonies

Complementary

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



66, 8.784, 331.033



69, 8.754, 150.003

Rectangle

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



66, 8.784, 331.033



66, 8.784, 21.033



66, 8.784, 151.033



66, 8.784, 201.033

Sweetspot

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



66, 8.782, 331.034



87, 3.700, 330.625



65, 8.438, 298.604



46, 2.828, 330.692



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, 8.782, 331.034



82, 13.634, 331.192



66, 6.304, 356.710



34, 5.736, 331.070



34, 66.914, 337.967



2, 11.434, 333.197

Inverse Universe

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



66, 8.782, 331.034



82, 13.634, 331.192



69, 6.148, 175.235



34, 5.736, 331.070



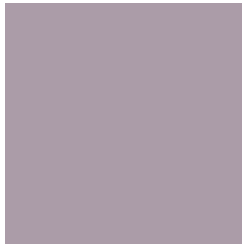
34, 66.914, 337.967



2, 11.434, 333.197

Previews

White Background



This preview shows how the CIELCh color 66, 8.784, 331.033 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, 8.784, 331.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

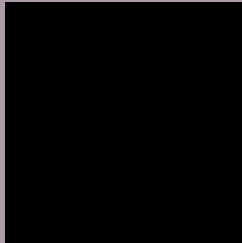
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 8.784, 331.033

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.784, 331.033.



This preview shows how white text looks on a background with the CIELCh color 66, 8.784, 331.033.

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, 8.784, 331.033

Protanopia

66, 6.122, 294.299

Deuteranopia

66, 9.035, 332.903



Tritanopia
66, 8.784, 331.033

Trichromacy



Original Color
66, 8.784, 331.033

Protanomaly
66, 6.535, 310.895

Deuteranomaly
66, 9.035, 332.903

Tritanomaly
66, 8.784, 331.033

Monochromacy



Original Color
66, 8.784, 331.033

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 2.938, 330.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.784, 331.033 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, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 156, 168)  
}
```

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, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 156, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.784, 331.033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

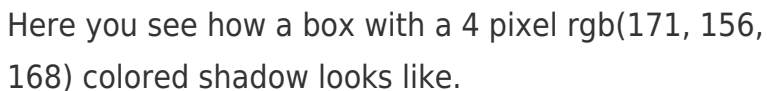
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 156, 168) }
```

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

```
.border{ border-color:rgb(171, 156, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 156, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 156, 168); box-shadow:4px 4px 4px 4px rgb(171, 156, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.784, 331.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 156, 168) }
```

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

```
.background{ background-color: rgb(171,  
156, 168) }
```

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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