

Converting Colors

CIELCh(67, 8.474, 84.465)

Have a look what the booklet for
CIELCh(67, 8.474, 84.465) contains.

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Color

CIELCh(67, 8.480, 84.494)

Conversions

Conversions Part 1

Format	Color
Hex	ABA294
RGB	171, 162, 148
RGB Percent	67%, 64%, 58%
CMY	0.3294, 0.3647, 0.4196
CMYK	0.00, 0.05, 0.13, 0.33
HSL	37°, 12%, 63%
HSV	37°, 13%, 67%
XYZ	35.0557, 36.6320, 33.2362
YIQ	163.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

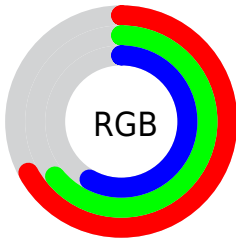
Format	Color
RYB	163, 171, 148
Decimal	11248276
CIELab	67.00, 0.81, 8.44
CIELCh	67, 8.480, 84.494
Yxy	36.6320, 0.3341, 0.3491
Android (android.graphics.Color)	4289438356 (0xFFABA294)
YUV	163.0950, -7.4418, 6.9327
Hunter-Lab	60.5244, -2.5305, 9.8087

Details

The CIELCh color $67, 8.480, 84.494$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.384, 268.070$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.492, 86.270$, and $47, 8.593, 82.300$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.005, 83.221$, and if you desaturate by 10%, it is $69, 2.139, 85.678$.

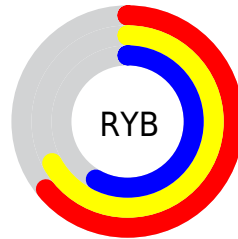
Distribution



Red (67%)

Green (64%)

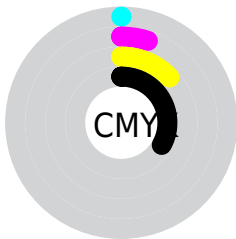
Blue (58%)



Red (64%)

Yellow (67%)

Blue (58%)

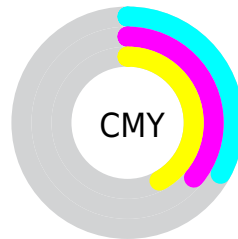


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.480, 84.494 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 67, 8.480, 84.494 by changing the saturation by 10% instead.

 67, 8.480, 84.494

 67, 8.480, 84.494

 100, 8.480, 84.494

 57, 8.480, 84.494

 87, 8.480, 84.494

 47, 8.480, 84.494

 97, 8.480, 84.494

 37, 8.480, 84.494

 27, 8.480, 84.494

 17, 8.480, 84.494

 7, 8.480, 84.494

 0, 8.480, 84.494

 67, 8.480, 84.494

 67, 8.480, 84.494

 65, 15.005, 83.221

 69, 2.139, 85.678

63, 21.707, 81.890

71, 4.027, 267.074

61, 28.563, 80.521

74, 10.029,
268.205

59, 35.508, 79.109

76, 15.882,
269.314

57, 42.403, 77.634

55, 48.981, 76.045

78, 21.600,
270.377

53, 54.765, 74.233

81, 27.194,
271.390

51, 59.057, 72.005

50, 61.284, 70.419

83, 26.685,
266.078

84, 24.531,
257.394

86, 23.018,
247.425

Harmonies

Complementary

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



67, 8.480, 84.494



64, 8.384, 268.070

Rectangle

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



67, 8.480, 84.494



67, 8.480, 134.494



67, 8.480, 264.494



67, 8.480, 314.494

Sweetspot

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



67, 8.481, 84.507



87, 3.070, 85.620



64, 10.295, 350.608



47, 2.202, 85.543



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 8.481, 84.507



84, 12.521, 84.148



69, 12.579, 113.033



36, 3.588, 85.020



44, 55.752, 70.790



4, 6.907, 76.810

Inverse Universe

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



64, 8.384, 268.070



80, 12.338, 268.499



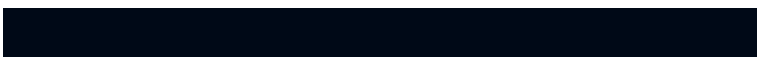
62, 12.960, 295.283



35, 3.565, 267.483



28, 58.869, 292.361



2, 8.087, 272.253

Previews

White Background



This preview shows how the CIELCh color 67, 8.480, 84.494 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 67, 8.480, 84.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

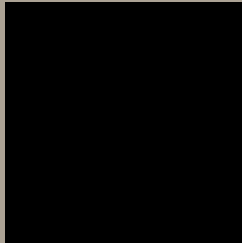
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.480, 84.494

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.480, 84.494.

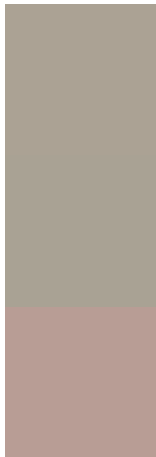


This preview shows how white text looks on a background with the CIELCh color 67, 8.480, 84.494.

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


67, 8.480, 84.494

Protanopia

67, 8.178, 89.576

Deuteranopia

67, 11.695, 42.262



Tritanopia
67, 8.755, 331.024

Trichromacy



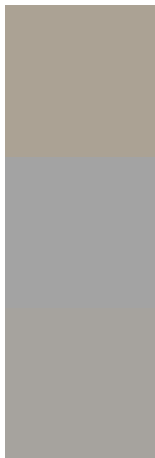
Original Color
67, 8.480, 84.494

Protanomaly
67, 8.320, 86.991

Deuteranomaly
67, 9.701, 54.370

Tritanomaly
67, 5.268, 1.542

Monochromacy



Original Color
67, 8.480, 84.494

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.971, 86.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.480, 84.494 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, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 148)  
}
```

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, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.480, 84.494 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, 162, 148) }
```

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

```
.border{ border-color:rgb(171, 162, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 148);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.480, 84.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 148) }
```

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

```
.background{ background-color: rgb(171,  
162, 148) }
```

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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