

Converting Colors

CIELCh(67, 3.721, 55.048)

Have a look what the booklet for
CIELCh(67, 3.721, 55.048) contains.

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Color

CIELCh(67, 3.473, 58.755)

Conversions

Conversions Part 1

Format	Color
Hex	A9A29E
RGB	169, 162, 158
RGB Percent	66%, 64%, 62%
CMY	0.3381, 0.3656, 0.3813
CMYK	0.00, 0.04, 0.07, 0.34
HSL	22°, 6%, 64%
HSV	22°, 7%, 66%
XYZ	35.3462, 36.6320, 37.4544
YIQ	163.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

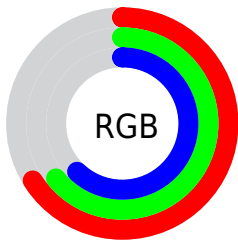
Format	Color
RYB	169, 164, 158
Decimal	11117214
CIELab	67.00, 1.80, 2.97
CIELCh	67, 3.473, 58.755
Yxy	36.6320, 0.3230, 0.3347
Android (android.graphics.Color)	4289307294 (0xFFA9A29E)
YUV	163.6370, -2.7790, 4.7034
Hunter-Lab	60.5244, -1.6737, 5.6765

Details

The CIELCh color $67, 3.473, 58.755$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 3.381, 240.226$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.278, 58.852$, and $47, 3.399, 50.928$ is the 20% darker color. If you saturate the color by 10%, you get $64, 9.105, 57.991$, and if you desaturate by 10%, it is $70, 1.807, 240.029$.

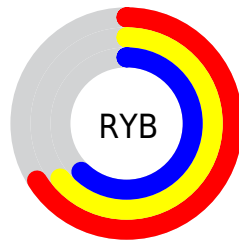
Distribution



Red (66%)

Green (64%)

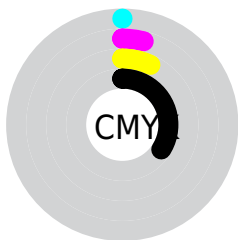
Blue (62%)



Red (66%)

Yellow (64%)

Blue (62%)

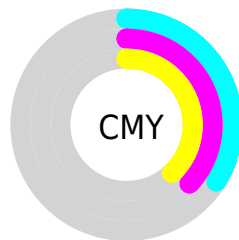


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.473, 58.755 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, 3.473, 58.755 by changing the saturation by 10% instead.

■ 67, 3.473, 58.755

■ 67, 3.473, 58.755

■ 100, 3.473, 58.755

■ 57, 3.473, 58.755

■ 87, 3.473, 58.755

■ 47, 3.473, 58.755

■ 97, 3.473, 58.755

■ 37, 3.473, 58.755

■ 27, 3.473, 58.755

■ 17, 3.473, 58.755

■ 7, 3.473, 58.755

■ 0, 3.473, 58.755

■ 67, 3.473, 58.755

■ 67, 3.473, 58.755

■ 64, 9.105, 57.991

■ 70, 1.807, 240.029

61, 15.126, 57.173

74, 6.773, 240.761

57, 21.567, 56.395

77, 11.461,
241.634

54, 28.443, 55.677

80, 15.904,
242.511

51, 35.737, 55.023

49, 43.366, 54.412

84, 20.134,
243.374

46, 51.113, 53.769

87, 22.930,
239.915

44, 58.493, 52.896

42, 64.695, 51.472

90, 22.966,
222.504

93, 24.901,
206.729

95, 27.084,
197.748

Harmonies

Complementary

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



67, 3.473, 58.755



67, 3.381, 240.226

Rectangle

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



67, 3.473, 58.755



67, 3.473, 108.755



67, 3.473, 238.755



67, 3.473, 288.755

Sweetspot

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



67, 3.473, 58.789



87, 1.297, 58.919



66, 5.788, 336.782



46, 0.736, 58.905



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 3.473, 58.789



84, 5.307, 58.669



68, 5.153, 102.535



34, 3.038, 58.581



36, 60.452, 51.534



3, 5.382, 53.191

Inverse Universe

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



67, 3.381, 240.226



85, 5.123, 240.371



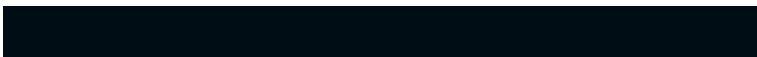
66, 5.213, 283.990



34, 2.916, 240.481



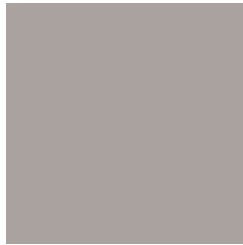
38, 36.110, 266.067



3, 5.557, 248.870

Previews

White Background



This preview shows how the CIELCh color 67, 3.473, 58.755 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 67, 3.473, 58.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

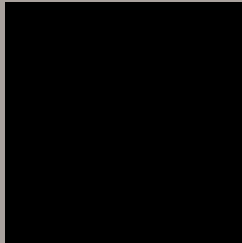
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 3.473, 58.755

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.473, 58.755.



This preview shows how white text looks on a background with the CIELCh color 67, 3.473, 58.755.

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, 3.473, 58.755

Protanopia

67, 2.912, 68.455

Deuteranopia

67, 8.593, 16.490



Tritanopia
67, 7.852, 322.493

Trichromacy



Original Color
67, 3.473, 58.755

Protanomaly
67, 3.181, 63.180

Deuteranomaly
67, 6.603, 19.938

Tritanomaly
67, 4.783, 335.964

Monochromacy



Original Color
67, 3.473, 58.755

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.328, 74.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.473, 58.755 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(169, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 158)  
}
```

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(169, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.473, 58.755 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(169, 162, 158) }
```

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

```
.border{ border-color:rgb(169, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(169, 162,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.473, 58.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 158) }
```

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

```
.background{ background-color: rgb(169,  
162, 158) }
```

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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