

Converting Colors

CIELCh(67, 3.862, 35.545)

Have a look what the booklet for
CIELCh(67, 3.862, 35.545) contains.

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Color

CIELCh(67, 4.011, 35.534)

Conversions

Conversions Part 1

Format	Color
Hex	ABA19F
RGB	171, 161, 159
RGB Percent	67%, 63%, 62%
CMY	0.3296, 0.3688, 0.3766
CMYK	0.00, 0.06, 0.07, 0.33
HSL	10°, 7%, 65%
HSV	10°, 7%, 67%
XYZ	35.7793, 36.6320, 37.9684
YIQ	163.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

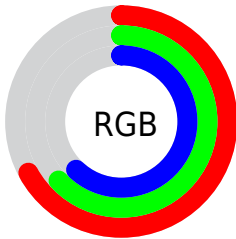
Format	Color
RYB	171, 161, 159
Decimal	11248031
CIELab	67.00, 3.26, 2.33
CIElCh	67, 4.011, 35.534
Yxy	36.6320, 0.3241, 0.3319
Android (android.graphics.Color)	4289438111 (0xFFABA19F)
YUV	163.7620, -2.3477, 6.3477
Hunter-Lab	60.5244, -0.3964, 5.1730

Details

The CIELCh color $67, 4.011, 35.534$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 3.841, 215.917$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.782, 35.500$, and $47, 3.919, 37.203$ is the 20% darker color. If you saturate the color by 10%, you get $63, 10.129, 35.676$, and if you desaturate by 10%, it is $71, 1.638, 216.042$.

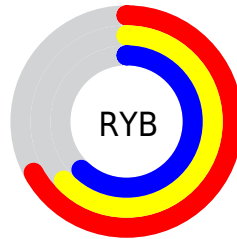
Distribution



Red (67%)

Green (63%)

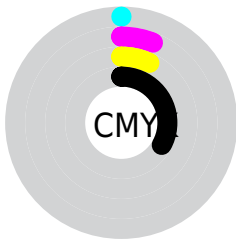
Blue (62%)



Red (67%)

Yellow (63%)

Blue (62%)

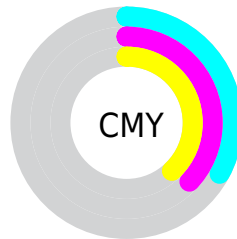


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (33%)



Cyan (33%)

Magenta (37%)


Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 4.011, 35.534 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, 4.011, 35.534 by changing the saturation by 10% instead.

 67, 4.011, 35.534  67, 4.011, 35.534


 100, 4.011, 35.534  57, 4.011, 35.534


 87, 4.011, 35.534  47, 4.011, 35.534

 97, 4.011, 35.534  37, 4.011, 35.534

 27, 4.011, 35.534

 17, 4.011, 35.534

 7, 4.011, 35.534

 0, 4.011, 35.534

 67, 4.011, 35.534  67, 4.011, 35.534

 63, 10.129, 35.676  71, 1.638, 216.042

■ 59, 16.759, 35.868

■ 76, 6.863, 215.950

■ 55, 23.928, 36.222

■ 80, 11.710,
216.110

■ 51, 31.635, 36.787

■ 84, 16.223,
216.327

■ 48, 39.840, 37.605

■ 44, 48.427, 38.699

■ 88, 20.444,
216.577

■ 41, 57.148, 40.020

■ 93, 24.005,
208.694

■ 39, 65.460, 41.342

■ 37, 72.367, 42.223

■ 95, 26.493,
197.784

Harmonies

Complementary

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



67, 4.011, 35.534



69, 3.841, 215.917

Rectangle

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



67, 4.011, 35.534



67, 4.011, 85.534



67, 4.011, 215.534



67, 4.011, 265.534

Sweetspot

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



67, 4.010, 35.562



87, 1.383, 35.273



67, 7.188, 329.771



47, 0.792, 35.249



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, 4.010, 35.562



84, 5.675, 35.578



69, 4.633, 90.226



34, 3.303, 35.592



32, 67.227, 42.684



2, 6.894, 32.351

Inverse Universe

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



69, 3.841, 215.917



86, 5.396, 215.918



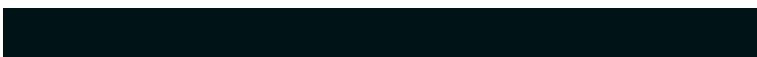
67, 4.640, 272.055



36, 3.116, 215.924



48, 29.371, 227.758



5, 6.515, 223.128

Previews

White Background



This preview shows how the CIELCh color 67, 4.011, 35.534 looks on a white background.

Color Contrast Check

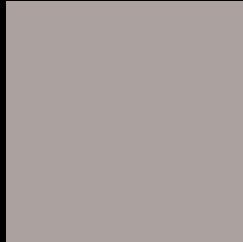
Large Text (above 18pt) WCAG AA × Fail

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, 4.011, 35.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

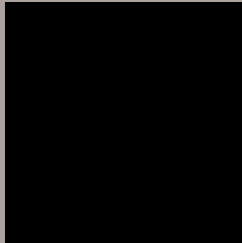
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

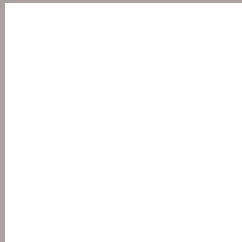
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.011, 35.534

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.011, 35.534.



This preview shows how white text looks on a background with the CIELCh color 67, 4.011, 35.534.

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, 4.011, 35.534

Protanopia

67, 2.201, 49.341

Deuteranopia

67, 8.627, 12.852



Tritanopia
67, 8.949, 326.847

Trichromacy



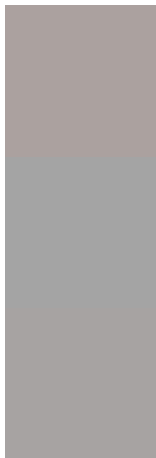
Original Color
67, 4.011, 35.534

Protanomaly
67, 2.544, 45.031

Deuteranomaly
67, 7.005, 15.491

Tritanomaly
67, 6.006, 339.887

Monochromacy



Original Color
67, 4.011, 35.534

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.617, 39.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.011, 35.534 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, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 159)  
}
```

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, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.011, 35.534 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, 161, 159) }
```

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

```
.border{ border-color:rgb(171, 161, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(171, 161,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.011, 35.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 159) }
```

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

```
.background{ background-color: rgb(171,  
161, 159) }
```

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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