

Converting Colors

CIELCh(67, 8.174, 29.776)

Have a look what the booklet for
CIELCh(67, 8.174, 29.776) contains.

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Color

CIELCh(67, 8.015, 31.877)

Conversions

Conversions Part 1

Format	Color
Hex	B39F9C
RGB	179, 159, 156
RGB Percent	70%, 62%, 61%
CMY	0.2992, 0.3776, 0.3894
CMYK	0.00, 0.11, 0.13, 0.30
HSL	8°, 13%, 66%
HSV	8°, 13%, 70%
XYZ	36.8428, 36.6320, 36.4504
YIQ	164.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

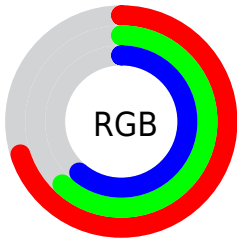
Format	Color
RYB	179, 159, 156
Decimal	11771804
CIELab	67.00, 6.81, 4.23
CIELCh	67, 8.015, 31.877
Yxy	36.6320, 0.3352, 0.3332
Android (android.graphics.Color)	4289961884 (0xFFB39F9C)
YUV	164.6380, -4.2585, 12.5955
Hunter-Lab	60.5244, 2.7401, 6.6600

Details

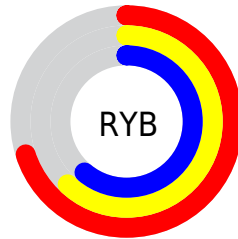
The CIELCh color $67, 8.015, 31.877$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 7.373, 211.802$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.034, 34.875$, and $47, 7.837, 33.209$ is the 20% darker color. If you saturate the color by 10%, you get $63, 14.844, 32.219$, and if you desaturate by 10%, it is $72, 1.713, 31.495$.

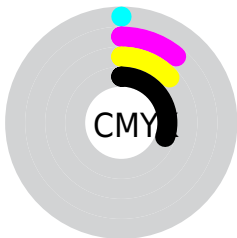
Distribution



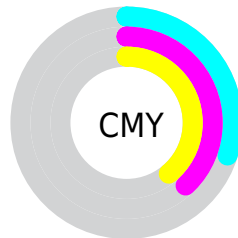
- Red (70%)
- Green (62%)
- Blue (61%)



- Red (70%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (30%)



- Cyan (30%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.015, 31.877 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, 8.015, 31.877 by changing the saturation by 10% instead.

 67, 8.015, 31.877  67, 8.015, 31.877


 100, 8.015, 31.877  57, 8.015, 31.877

 87, 8.015, 31.877  47, 8.015, 31.877


 97, 8.015, 31.877  37, 8.015, 31.877

 27, 8.015, 31.877

 17, 8.015, 31.877

 7, 8.015, 31.877

 0, 8.015, 31.877

 67, 8.015, 31.877  67, 8.015, 31.877

 63, 14.844, 32.219  72, 1.713, 31.495

58, 22.232, 32.706

76, 4.103, 211.857

54, 30.184, 33.416

81, 9.482, 211.803

50, 38.661, 34.405

85, 14.475,
211.858

47, 47.561, 35.719

90, 19.126,
211.964

44, 56.670, 37.356

41, 65.562, 39.180

94, 23.365,
201.893

39, 73.307, 40.729

95, 24.355,
197.916

38, 77.884, 41.778

Harmonies

Complementary

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



67, 8.015, 31.877



70, 7.373, 211.802

Rectangle

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



67, 8.015, 31.877



67, 8.015, 81.877



67, 8.015, 211.877



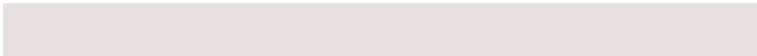
67, 8.015, 261.877

Sweetspot

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



67, 8.014, 31.891



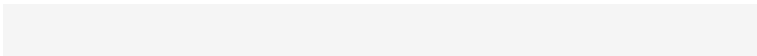
90, 2.972, 31.598



67, 14.195, 328.508



48, 2.136, 31.640



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 8.014, 31.891



84, 11.669, 31.959



70, 8.460, 85.276



35, 3.474, 31.795



32, 68.952, 41.744



3, 8.323, 28.686

Inverse Universe

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



70, 7.373, 211.802



88, 10.558, 211.805



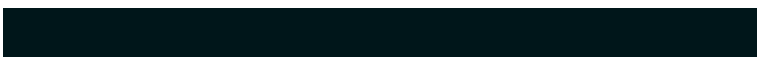
67, 8.380, 268.684



37, 3.274, 211.819



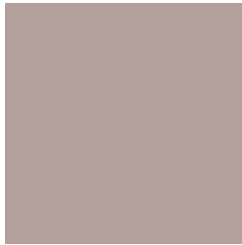
51, 29.962, 220.109



6, 7.781, 218.186

Previews

White Background



This preview shows how the CIELCh color 67, 8.015, 31.877 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, 8.015, 31.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

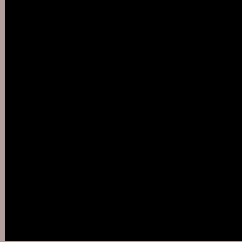
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.015, 31.877

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.015, 31.877.



This preview shows how white text looks on a background with the CIELCh color 67, 8.015, 31.877.

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, 8.015, 31.877

Protanopia

67, 2.912, 68.455

Deuteranopia

67, 9.502, 26.825



Tritanopia
67, 11.006, 343.515

Trichromacy



Original Color
67, 8.015, 31.877

Protanomaly
67, 4.452, 49.213

Deuteranomaly
67, 9.104, 27.081

Tritanomaly
67, 9.109, 359.004

Monochromacy



Original Color
67, 8.015, 31.877

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.737, 31.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.015, 31.877 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(179, 159, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 159, 156)  
}
```

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(179, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 159, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.015, 31.877 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(179, 159, 156) }
```

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

```
.border{ border-color:rgb(179, 159, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 159, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 159, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 159,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.015, 31.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 159, 156) }
```

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

```
.background{ background-color: rgb(179,  
159, 156) }
```

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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