

Converting Colors

CIELCh(68, 8.209, 346.246)

Have a look what the booklet for
CIELCh(68, 8.209, 346.246) contains.

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Color

CIELCh(68, 8.171, 347.585)

Conversions

Conversions Part 1

Format	Color
Hex	B3A1A9
RGB	179, 161, 169
RGB Percent	70%, 63%, 66%
CMY	0.2978, 0.3683, 0.3370
CMYK	0.00, 0.10, 0.06, 0.30
HSL	333°, 11%, 67%
HSV	333°, 10%, 70%
XYZ	38.5306, 37.9720, 42.8679
YIQ	167.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

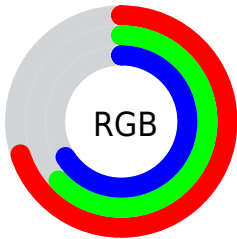
Format	Color
R _Y B	179, 161, 169
Decimal	11772329
CIE Lab	68.00, 7.98, -1.76
CIE LCh	68, 8.171, 347.585
Yxy	37.9720, 0.3228, 0.3181
Android (android.graphics.Color)	4289962409 (0xFFB3A1A9)
YUV	167.2940, 0.8411, 10.2662
Hunter-Lab	61.6215, 3.7747, 1.8890

Details

The CIELCh color $68, 8.171, 347.585$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.034, 165.945$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 8.055, 348.799$, and $48, 8.399, 346.363$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.499, 348.587$, and if you desaturate by 10%, it is $73, 0.047, 338.446$.

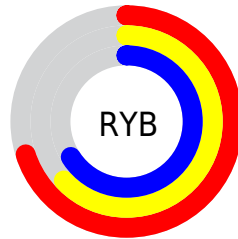
Distribution



Red (70%)

Green (63%)

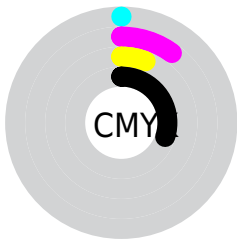
Blue (66%)



Red (70%)

Yellow (63%)

Blue (66%)

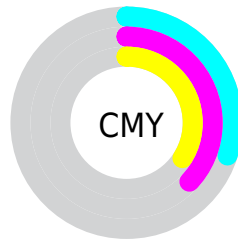


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.171, 347.585 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 68, 8.171, 347.585 by changing the saturation by 10% instead.

68, 8.171, 347.585

68, 8.171, 347.585

100, 8.171,
347.585

58, 8.171, 347.585

88, 8.171, 347.585

48, 8.171, 347.585

98, 8.171, 347.585

38, 8.171, 347.585

28, 8.171, 347.585

18, 8.171, 347.585

8, 8.171, 347.585

0, 8.171, 347.585

68, 8.171, 347.585

68, 8.171, 347.585

63, 16.499,

73, 0.047, 338.446

348.587

78, 7.813, 166.035

59, 24.933,
349.698

83, 15.388,
165.295

54, 33.301,
350.976

88, 22.676,
164.631

50, 41.343,
352.482

93, 29.687,
164.023

46, 48.711,
354.301

95, 29.088,
169.916

43, 54.990,
356.550

95, 26.591,
179.321

41, 59.793,
359.382

95, 24.864,
190.298

39, 62.906, 2.967

95, 24.250,
197.922

38, 64.755, 7.238

Harmonies

Complementary

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



68, 8.171, 347.585



71, 8.034, 165.945

Rectangle

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



68, 8.171, 347.585



68, 8.171, 37.585



68, 8.171, 167.585



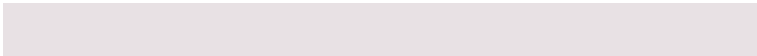
68, 8.171, 217.585

Sweetspot

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



68, 8.169, 347.590



90, 2.983, 346.861



68, 10.637, 311.212



48, 2.281, 346.963



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 8.169, 347.590



85, 12.075, 347.799



68, 6.647, 24.174



35, 4.586, 347.520



32, 57.657, 6.580



2, 10.296, 352.942

Inverse Universe

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



68, 8.169, 347.590



85, 12.075, 347.799



71, 6.236, 203.502



35, 4.586, 347.520



32, 57.657, 6.580



2, 10.296, 352.942

Previews

White Background



This preview shows how the CIELCh color 68, 8.171, 347.585 looks on a white background.

Color Contrast Check

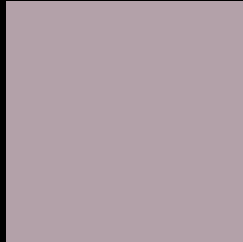
Large Text (above 18pt) WCAG AA × Fail

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 68, 8.171, 347.585 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 68, 8.171, 347.585

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.171, 347.585.



This preview shows how white text looks on a background with the CIELCh color 68, 8.171, 347.585.

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

68, 8.171, 347.585

Protanopia

68, 3.404, 303.219

Deuteranopia

68, 8.497, 349.029



Tritanopia
68, 10.443, 337.142

Trichromacy



Original Color
68, 8.171, 347.585

Protanomaly
68, 4.256, 328.788

Deuteranomaly
68, 8.497, 349.029

Tritanomaly
68, 10.082, 339.434

Monochromacy



Original Color
68, 8.171, 347.585

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.827, 343.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 8.171, 347.585 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, 161, 169)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 169)  
}
```

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, 161, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 8.171, 347.585 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, 161, 169) }
```

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

```
.border{ border-color:rgb(179, 161, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 169);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 8.171, 347.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 169) }
```

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

```
.background{ background-color: rgb(179,  
161, 169) }
```

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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