

Converting Colors

CIELCh(67, 13.380, 332.432)

Have a look what the booklet for
CIELCh(67, 13.380, 332.432)
contains.

| | |
|--|----|
| CIELCh(67, 13.475, 333.181) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(67, 13.475, 333.181)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B49CAE |
| RGB | 180, 156, 174 |
| RGB Percent | 71%, 61%, 68% |
| CMY | 0.2933, 0.3875, 0.3169 |
| CMYK | 0.00, 0.13, 0.03, 0.29 |
| HSL | 315°, 14%, 66% |
| HSV | 315°, 13%, 71% |
| XYZ | 38.4480, 36.6320, 45.1885 |
| YIQ | 165.2280, 8.5260, 10.6860 |

Conversions

Conversions Part 2

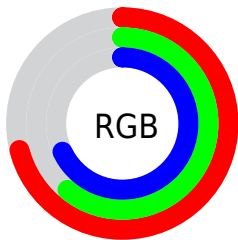
| Format | Color |
|-------------------------------------|---|
| RYB | 180, 156, 174 |
| Decimal | 11836590 |
| CIELab | 67.00, 12.03, -6.08 |
| CIElCh | 67, 13.475, 333.181 |
| Yxy | 36.6320, 0.3197, 0.3046 |
| Android (android.graphics.Color) | 4290026670 (0xFFB49CAE) |
| YUV | 165.2280, 4.3246, 12.9550 |
| Hunter-Lab | 60.5244, 7.4741, -1.8999 |

Details

The CIELCh color $67, 13.475, 333.181$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 13.412, 151.450$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.039, 334.177$, and $47, 13.404, 332.557$ is the 20% darker color. If you saturate the color by 10%, you get $62, 23.681, 333.877$, and if you desaturate by 10%, it is $72, 3.336, 332.463$.

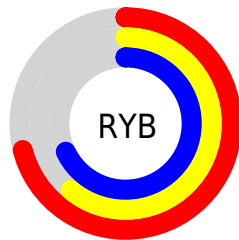
Distribution



Red (71%)

Green (61%)

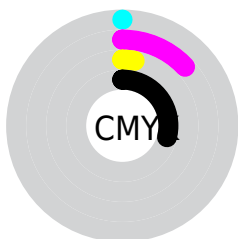
Blue (68%)



Red (71%)

Yellow (61%)

Blue (68%)

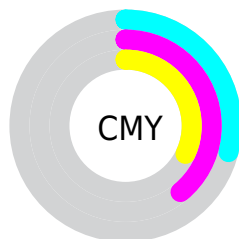


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.475, 333.181 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, 13.475, 333.181 by changing the saturation by 10% instead.


 67, 13.475,
333.181


 67, 13.475,
333.181


 100, 13.475,
333.181


 57, 13.475,
333.181


 87, 13.475,
333.181

 47, 13.475,
333.181

 97, 13.475,
333.181

 37, 13.475,
333.181

 27, 13.475,
333.181

 17, 13.475,
333.181

 7, 13.475, 333.181

 0, 13.475, 333.181

67, 13.475,
333.181

67, 13.475,
333.181

62, 23.681,
333.877

72, 3.336, 332.463

58, 33.786,
334.601

77, 6.619, 151.978

54, 43.530,
335.363

82, 16.327,
151.363

50, 52.563,
336.173

87, 25.756,
150.799

47, 60.451,
337.046

92, 34.897,
150.270

44, 66.727,
338.011

94, 38.297,
151.174


42, 70.989,
339.107


94, 36.567,
153.547

41, 73.043,

94, 34.890,
156.139

340.387

 94, 33.276,
158.974

 40, 73.572,
341.332

Harmonies

Complementary

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



67, 13.475, 333.181



71, 13.412, 151.450

Rectangle

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



67, 13.475, 333.181



67, 13.475, 23.181



67, 13.475, 153.181



67, 13.475, 203.181

Sweetspot

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



67, 13.473, 333.182



91, 4.983, 332.527



66, 13.553, 300.786



48, 3.540, 332.586



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, 13.473, 333.182



83, 20.087, 333.385



67, 9.863, 0.762



35, 5.670, 332.907



34, 65.352, 341.120



2, 12.736, 336.136

Inverse Universe

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



67, 13.473, 333.182



83, 20.087, 333.385



71, 9.432, 178.349



35, 5.670, 332.907



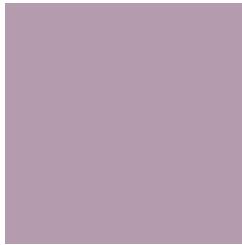
34, 65.352, 341.120



2, 12.736, 336.136

Previews

White Background



This preview shows how the CIELCh color 67, 13.475, 333.181 looks on a white background.

Color Contrast Check

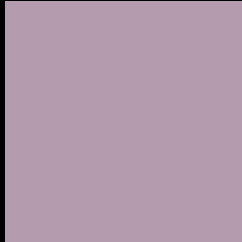
Large Text (above 18pt) WCAG AA × Fail

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, 13.475, 333.181 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, 13.475, 333.181

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.475, 333.181.



This preview shows how white text looks on a background with the CIELCh color 67, 13.475, 333.181.

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, 13.475, 333.181

Protanopia

67, 8.847, 291.094

Deuteranopia

67, 10.734, 324.917



Tritanopia
67, 11.006, 343.515

Trichromacy



Original Color
67, 13.475, 333.181

Protanomaly
67, 10.018, 310.491

Deuteranomaly
67, 11.845, 328.028

Tritanomaly
67, 11.682, 339.158

Monochromacy



Original Color
67, 13.475, 333.181

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.778, 335.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.475, 333.181 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(180, 156, 174)` looks like.

```
.text, #text, p{  
    color:rgb(180, 156, 174)  
}
```

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(180, 156, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 156, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.475, 333.181 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(180, 156, 174) }
```

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

```
.border{ border-color:rgb(180, 156, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 156, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 156, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 156, 174);  
box-shadow:4px 4px 4px 4px rgb(180, 156,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.475, 333.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 156, 174) }
```

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

```
.background{ background-color: rgb(180,  
156, 174) }
```

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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