

Converting Colors

CIELCh(67, 28.202, 330.224)

Have a look what the booklet for
CIELCh(67, 28.202, 330.224)
contains.

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Color

CIELCh(67, 28.636, 330.173)

Conversions

Conversions Part 1

Format	Color
Hex	C494BD
RGB	196, 148, 189
RGB Percent	77%, 58%, 74%
CMY	0.2310, 0.4193, 0.2585
CMYK	0.00, 0.24, 0.04, 0.23
HSL	309°, 29%, 67%
HSV	309°, 24%, 77%
XYZ	42.5861, 36.6320, 53.0202
YIQ	167.0260, 15.4470, 22.9270

Conversions

Conversions Part 2

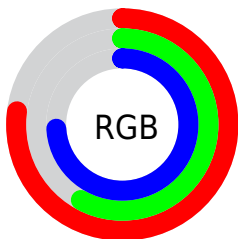
Format	Color
RYB	196, 148, 189
Decimal	12883133
CIELab	67.00, 24.84, -14.24
CIElCh	67, 28.636, 330.173
Yxy	36.6320, 0.3220, 0.2770
Android (android.graphics.Color)	4291073213 (0xFFC494BD)
YUV	167.0260, 10.8332, 25.4102
Hunter-Lab	60.5244, 19.6783, -9.5718

Details

The CIELCh color $67, 28.636, 330.173$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 28.562, 146.995$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 28.767, 330.294$, and $47, 28.695, 330.151$ is the 20% darker color. If you saturate the color by 10%, you get $62, 40.192, 330.799$, and if you desaturate by 10%, it is $72, 16.896, 329.553$.

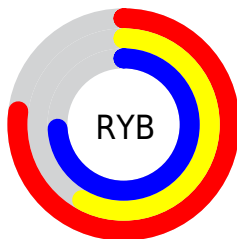
Distribution



Red (77%)

Green (58%)

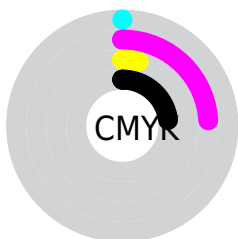
Blue (74%)



Red (77%)

Yellow (58%)

Blue (74%)

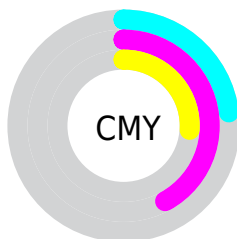


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 28.636, 330.173 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, 28.636, 330.173 by changing the saturation by 10% instead.


 67, 28.636,
330.173


 67, 28.636,
330.173


 100, 28.636,
330.173


 57, 28.636,
330.173


 87, 28.636,
330.173

 47, 28.636,
330.173

 97, 28.636,
330.173

 37, 28.636,
330.173

 27, 28.636,
330.173

 17, 28.636,
330.173

 7, 28.636, 330.173

 0, 28.636, 330.173

67, 28.636,
330.173

67, 28.636,
330.173

62, 40.192,
330.799

72, 16.896,
329.553

58, 51.261,
331.428

77, 5.196, 328.916

82, 6.324, 148.438

54, 61.434,
332.057

87, 17.579,
147.852

51, 70.225,
332.686

93, 28.522,
147.314

48, 77.136,
333.321

95, 32.727,
147.934

47, 81.777,
333.974


95, 31.583,
149.573

45, 84.011,
334.669

95, 30.461,
151.328

45, 84.571,

335.070

 95, 29.364,
153.209

Harmonies

Complementary

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



67, 28.636, 330.173



75, 28.562, 146.995

Rectangle

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



67, 28.636, 330.173



67, 28.636, 20.173



67, 28.636, 150.173



67, 28.636, 200.173

Sweetspot

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



67, 28.634, 330.173



96, 10.068, 329.093



63, 27.007, 297.622



51, 6.544, 329.132



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 28.634, 330.173



82, 41.949, 330.484



66, 20.888, 353.982



38, 6.534, 329.235



37, 73.072, 334.954



4, 21.105, 331.925

Inverse Universe

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



67, 28.634, 330.173



82, 41.949, 330.484



75, 19.769, 169.182



38, 6.534, 329.235



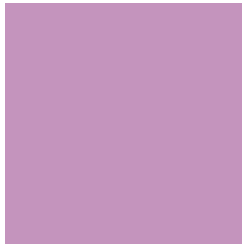
37, 73.072, 334.954



4, 21.105, 331.925

Previews

White Background



This preview shows how the CIELCh color 67, 28.636, 330.173 looks on a white background.

Color Contrast Check

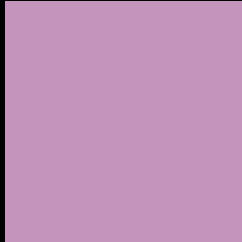
Large Text (above 18pt) WCAG AA × Fail

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, 28.636, 330.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

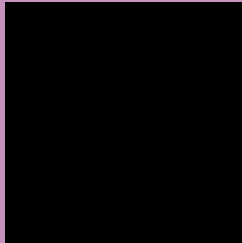
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 28.636, 330.173

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.636, 330.173.



This preview shows how white text looks on a background with the CIELCh color 67, 28.636, 330.173.

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





Tritanopia
67, 16.652, 359.823

Trichromacy



Original Color
67, 28.636, 330.173

Protanomaly
67, 21.616, 304.513

Deuteranomaly
67, 20.164, 316.367

Tritanomaly
67, 20.332, 344.953

Monochromacy



Original Color
67, 28.636, 330.173

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.722, 329.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.636, 330.173 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(196, 148, 189)` looks like.

```
.text, #text, p{  
    color:rgb(196, 148, 189)  
}
```

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(196, 148, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 148, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.636, 330.173 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(196, 148, 189) }
```

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

```
.border{ border-color:rgb(196, 148, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 148, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 148, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 148, 189);  
box-shadow:4px 4px 4px 4px rgb(196, 148,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.636, 330.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 148, 189) }
```

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

```
.background{ background-color: rgb(196,  
148, 189) }
```

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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