

Converting Colors

CIELCh(67, 31.602, 329.604)

Have a look what the booklet for
CIELCh(67, 31.602, 329.604)
contains.

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Color

CIELCh(67, 31.824, 329.848)

Conversions

Conversions Part 1

Format	Color
Hex	C792C0
RGB	199, 146, 192
RGB Percent	78%, 57%, 75%
CMY	0.2186, 0.4264, 0.2460
CMYK	0.00, 0.27, 0.04, 0.22
HSL	308°, 32%, 68%
HSV	308°, 27%, 78%
XYZ	43.4857, 36.6320, 54.8008
YIQ	167.0910, 16.8220, 25.5420

Conversions

Conversions Part 2

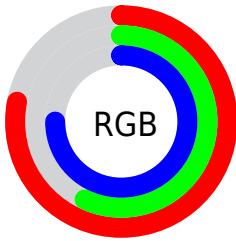
Format	Color
R _Y B	199, 146, 192
Decimal	13079232
CIE Lab	67.00, 27.52, -15.99
CIE LCh	67, 31.824, 329.848
Yxy	36.6320, 0.3223, 0.2715
Android (android.graphics.Color)	4291269312 (0xFFC792C0)
YUV	167.0910, 12.2801, 27.9842
Hunter-Lab	60.5244, 22.3316, -11.3161

Details

The CIELCh color $67, 31.824, 329.848$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 31.756, 146.383$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 31.627, 329.400$, and $47, 31.360, 329.929$ is the 20% darker color. If you saturate the color by 10%, you get $62, 43.561, 330.463$, and if you desaturate by 10%, it is $72, 19.836, 329.236$.

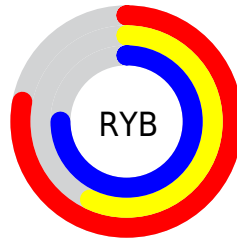
Distribution



Red (78%)

Green (57%)

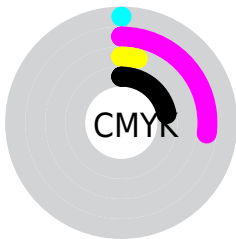
Blue (75%)



Red (78%)

Yellow (57%)

Blue (75%)

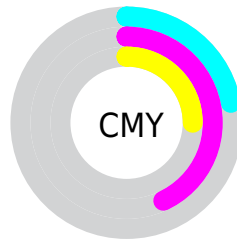


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (43%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 31.824, 329.848 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, 31.824, 329.848 by changing the saturation by 10% instead.

 67, 31.824,
329.848

 67, 31.824,
329.848

 100, 31.824,
329.848

 57, 31.824,
329.848


 87, 31.824,
329.848

 47, 31.824,
329.848

 97, 31.824,
329.848

 37, 31.824,
329.848

 27, 31.824,
329.848

 17, 31.824,
329.848

 7, 31.824, 329.848

 0, 31.824, 329.848

67, 31.824,
329.848

67, 31.824,
329.848

62, 43.561,
330.463

72, 19.836,
329.236

58, 54.716,
331.076

77, 7.847, 328.618

82, 3.987, 148.149

54, 64.851,
331.682

87, 15.565,
147.537

51, 73.464,
332.281

93, 26.832,
146.994

49, 80.062,
332.877

95, 31.288,
147.565

47, 84.295,
333.483


95, 30.230,
149.130

46, 86.138,
334.118

95, 29.191,
150.801

46, 86.499,

334.338

 95, 28.174,
152.587

Harmonies

Complementary

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



67, 31.824, 329.848



76, 31.756, 146.383

Rectangle

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



67, 31.824, 329.848



67, 31.824, 19.848



67, 31.824, 149.848



67, 31.824, 199.848

Sweetspot

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



67, 31.822, 329.848



95, 11.625, 328.714



63, 29.842, 297.289



50, 8.269, 328.809



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, 31.822, 329.848



81, 46.663, 330.209



66, 23.250, 353.153



39, 6.740, 328.793



37, 74.695, 334.237



4, 23.842, 331.895

Inverse Universe

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



67, 31.822, 329.848



81, 46.663, 330.209



76, 21.982, 167.902



39, 6.740, 328.793



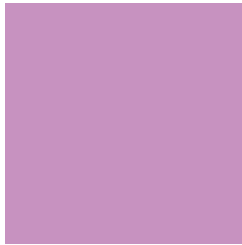
37, 74.695, 334.237



4, 23.842, 331.895

Previews

White Background



This preview shows how the CIELCh color 67, 31.824, 329.848 looks on a white background.

Color Contrast Check

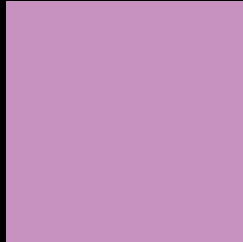
Large Text (above 18pt) WCAG AA × Fail

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, 31.824, 329.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

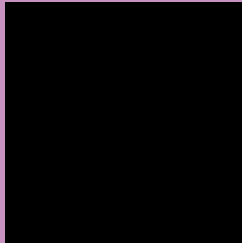
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 31.824, 329.848

Background



This preview shows how black text looks on a background with the CIELCh color 67, 31.824, 329.848.



This preview shows how white text looks on a background with the CIELCh color 67, 31.824, 329.848.

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, 17.784, 1.370

Trichromacy



Original Color
67, 31.824, 329.848

Protanomaly
67, 24.405, 304.081

Deuteranomaly
67, 22.466, 315.767

Tritanomaly
67, 22.172, 345.179

Monochromacy



Original Color
67, 31.824, 329.848

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.049, 329.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 31.824, 329.848 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(199, 146, 192)` looks like.

```
.text, #text, p{  
    color:rgb(199, 146, 192)  
}
```

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(199, 146, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 146, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 31.824, 329.848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

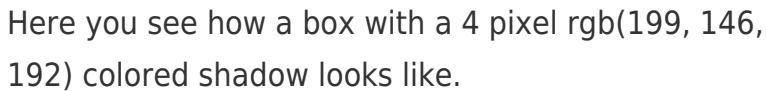
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 146, 192) }
```

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

```
.border{ border-color:rgb(199, 146, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 146, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 146, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 146, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 146,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 31.824, 329.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 146, 192) }
```

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

```
.background{ background-color: rgb(199,  
146, 192) }
```

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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