

Converting Colors

CIELCh(67, 30.100, 328.770)

Have a look what the booklet for
CIELCh(67, 30.100, 328.770)
contains.

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Color

CIELCh(67, 30.100, 328.770)

Conversions

Conversions Part 1

Format	Color
Hex	C594C0
RGB	197, 148, 192
RGB Percent	77%, 58%, 75%
CMY	0.2293, 0.4213, 0.2489
CMYK	0.00, 0.25, 0.03, 0.23
HSL	306°, 30%, 67%
HSV	306°, 25%, 77%
XYZ	42.8859, 36.6320, 54.4101
YIQ	167.6670, 15.0800, 24.0720

Conversions

Conversions Part 2

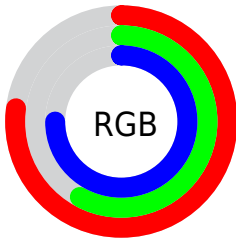
Format	Color
R_{YB}	197, 148, 192
Decimal	12948672
CIE _{Lab}	67.00, 25.74, -15.61
CIE _{LCh}	67, 30.100, 328.770
Yxy	36.6320, 0.3202, 0.2735
Android (android.graphics.Color)	4291138752 (0xFFC594C0)
YUV	167.6670, 11.9962, 25.7250
Hunter-Lab	60.5244, 20.5625, -10.9334

Details

The CIELCh color $67, 30.100, 328.770$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $75, 30.053, 145.618$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 30.167, 328.949$, and $47, 29.787, 329.368$ is the 20% darker color. If you saturate the color by 10%, you get $62, 42.004, 329.360$, and if you desaturate by 10%, it is $72, 17.986, 328.177$.

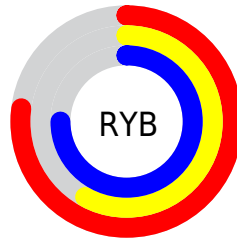
Distribution



Red (77%)

Green (58%)

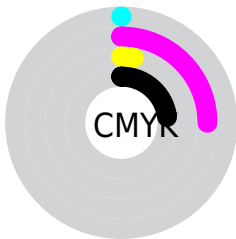
Blue (75%)



Red (77%)

Yellow (58%)

Blue (75%)

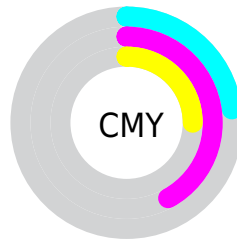


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 30.100, 328.770 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, 30.100, 328.770 by changing the saturation by 10% instead.


 67, 30.100,
328.770


 67, 30.100,
328.770


 100, 30.100,
328.770


 57, 30.100,
328.770


 87, 30.100,
328.770

 47, 30.100,
328.770

 97, 30.100,
328.770

 37, 30.100,
328.770

 27, 30.100,
328.770

 17, 30.100,
328.770

 7, 30.100, 328.770

 0, 30.100, 328.770

67, 30.100,
328.770

67, 30.100,
328.770

62, 42.004,
329.360

72, 17.986,
328.177

58, 53.384,
329.939

77, 5.897, 327.567

54, 63.818,
330.501

82, 6.017, 147.095

51, 72.817,
331.040

87, 17.663,
146.519

49, 79.890,
331.553

93, 28.990,
145.990

47, 84.663,
332.046

95, 33.724,
146.303


46, 87.029,
332.532

95, 32.906,
147.370

46, 87.661,

95, 32.097,
148.488

332.780

 95, 31.298,
149.661

Harmonies

Complementary

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



67, 30.100, 328.770



75, 30.053, 145.618

Rectangle

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



67, 30.100, 328.770



67, 30.100, 18.770



67, 30.100, 148.770



67, 30.100, 198.770

Sweetspot

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



67, 30.098, 328.770



96, 10.382, 327.707



63, 27.525, 296.521



51, 6.748, 327.745



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, 30.098, 328.770



82, 44.704, 329.098



66, 21.683, 351.877



39, 6.884, 327.847



38, 76.454, 332.712



4, 24.486, 330.652

Inverse Universe

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



67, 30.098, 328.770



82, 44.704, 329.098



76, 20.650, 167.064



39, 6.884, 327.847



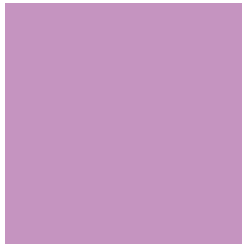
38, 76.454, 332.712



4, 24.486, 330.652

Previews

White Background



This preview shows how the CIELCh color 67, 30.100, 328.770 looks on a white background.

Color Contrast Check

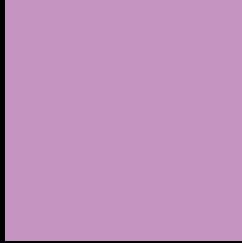
Large Text (above 18pt) WCAG AA × Fail

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, 30.100, 328.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

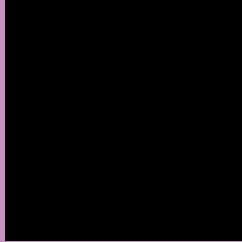
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 30.100, 328.770

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.100, 328.770.



This preview shows how white text looks on a background with the CIELCh color 67, 30.100, 328.770.

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, 30.100, 328.770

Protanopia

67, 21.643, 285.186

Deuteranopia

67, 16.900, 301.579



Tritanopia
67, 16.652, 359.823

Trichromacy



Original Color
67, 30.100, 328.770

Protanomaly
67, 23.165, 302.863

Deuteranomaly
67, 21.162, 315.129

Tritanomaly
67, 20.637, 343.692

Monochromacy



Original Color
67, 30.100, 328.770

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.148, 328.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.100, 328.770 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(197, 148, 192)` looks like.

```
.text, #text, p{  
    color:rgb(197, 148, 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(197, 148, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 148, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.100, 328.770 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(197, 148, 192) }
```

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

```
.border{ border-color:rgb(197, 148, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 148, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 148, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 148, 192);  
box-shadow:4px 4px 4px 4px rgb(197, 148,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.100, 328.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 148, 192) }
```

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

```
.background{ background-color: rgb(197,  
148, 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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