

Converting Colors

CIELCh(67, 29.722, 327.560)

Have a look what the booklet for
CIELCh(67, 29.722, 327.560)
contains.

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Color

CIELCh(67, 29.694, 327.554)

Conversions

Conversions Part 1

Format	Color
Hex	C394C0
RGB	195, 148, 192
RGB Percent	76%, 58%, 75%
CMY	0.2349, 0.4192, 0.2467
CMYK	0.00, 0.24, 0.02, 0.23
HSL	304°, 28%, 67%
HSV	304°, 24%, 77%
XYZ	42.6583, 36.6320, 54.7449
YIQ	167.0690, 13.8880, 23.6480

Conversions

Conversions Part 2

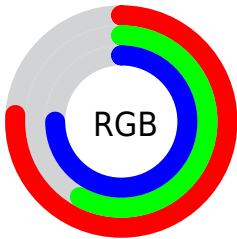
Format	Color
R_{YB}	195, 148, 192
Decimal	12817600
CIE _{Lab}	67.00, 25.06, -15.93
CIE _{LCh}	67, 29.694, 327.554
Yxy	36.6320, 0.3183, 0.2733
Android (android.graphics.Color)	4291007680 (0xFFC394C0)
YUV	167.0690, 12.2910, 24.4955
Hunter-Lab	60.5244, 19.8912, -11.2613

Details

The CIELCh color $67, 29.694, 327.554$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 29.664, 144.585$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 29.764, 327.811$, and $47, 29.378, 328.042$ is the 20% darker color. If you saturate the color by 10%, you get $62, 41.859, 328.117$, and if you desaturate by 10%, it is $72, 17.332, 326.981$.

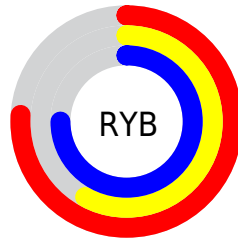
Distribution



Red (76%)

Green (58%)

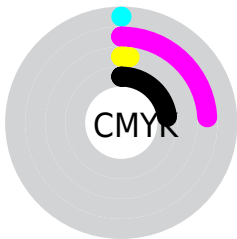
Blue (75%)



Red (76%)

Yellow (58%)

Blue (75%)

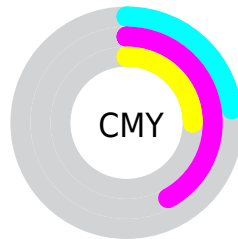


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (23%)



Cyan (23%)


Magenta (42%)

Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 29.694, 327.554 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, 29.694, 327.554 by changing the saturation by 10% instead.

 67, 29.694,
327.554


 67, 29.694,
327.554


 100, 29.694,
327.554

 57, 29.694,
327.554


 87, 29.694,
327.554

 47, 29.694,
327.554

 97, 29.694,
327.554

 37, 29.694,
327.554

 27, 29.694,
327.554

 17, 29.694,
327.554

 7, 29.694, 327.554

 0, 29.694, 327.554

67, 29.694,
327.554

67, 29.694,
327.554

62, 41.859,
328.117

72, 17.332,
326.981

58, 53.517,
328.660

77, 5.005, 326.380

82, 7.137, 145.919

55, 64.252,
329.174

87, 19.002,
145.361

51, 73.581,
329.646

92, 30.539,
144.842

49, 81.018,
330.070

95, 35.680,
144.911

47, 86.185,
330.444


95, 35.164,
145.515

46, 88.962,
330.775

95, 34.650,
146.135

46, 89.842,

330.959

 95, 34.140,
146.773

Harmonies

Complementary

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



67, 29.694, 327.554



75, 29.664, 144.585

Rectangle

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



67, 29.694, 327.554



67, 29.694, 17.554



67, 29.694, 147.554



67, 29.694, 197.554

Sweetspot

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



67, 29.692, 327.554



95, 10.573, 326.572



63, 26.364, 294.695



51, 6.929, 326.609



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, 29.692, 327.554



82, 44.009, 327.857



66, 21.413, 348.695



38, 6.918, 326.706



37, 77.850, 330.918



4, 22.823, 328.558

Inverse Universe

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



67, 29.692, 327.554



82, 44.009, 327.857



75, 20.619, 164.228



38, 6.918, 326.706



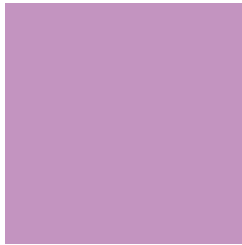
37, 77.850, 330.918



4, 22.823, 328.558

Previews

White Background



This preview shows how the CIELCh color 67, 29.694, 327.554 looks on a white background.

Color Contrast Check

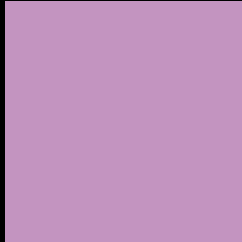
Large Text (above 18pt) WCAG AA × Fail

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, 29.694, 327.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

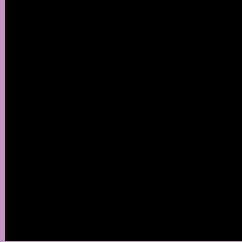
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 29.694, 327.554

Background



This preview shows how black text looks on a background with the CIELCh color 67, 29.694, 327.554.



This preview shows how white text looks on a background with the CIELCh color 67, 29.694, 327.554.

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, 16.107, 356.858

Trichromacy



Original Color
67, 29.694, 327.554

Protanomaly
67, 23.165, 302.863

Deuteranomaly
67, 21.533, 313.649

Tritanomaly
67, 20.374, 341.017

Monochromacy



Original Color
67, 29.694, 327.554

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.925, 326.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 29.694, 327.554 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(195, 148, 192)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 148, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 29.694, 327.554 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(195, 148, 192) }
```

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

```
.border{ border-color:rgb(195, 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(195, 148, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 148, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 148, 192); box-shadow:4px 4px 4px 4px rgb(195, 148, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 29.694, 327.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 192) }
```

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

```
.background{ background-color: rgb(195,  
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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