

Converting Colors

CIELCh(68, 28.768, 327.965)

Have a look what the booklet for
CIELCh(68, 28.768, 327.965)
contains.

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Color

CIELCh(68, 28.980, 327.553)

Conversions

Conversions Part 1

Format	Color
Hex	C597C2
RGB	197, 151, 194
RGB Percent	77%, 59%, 76%
CMY	0.2269, 0.4073, 0.2386
CMYK	0.00, 0.23, 0.02, 0.23
HSL	304°, 28%, 68%
HSV	304°, 23%, 77%
XYZ	43.9097, 37.9720, 56.1420
YIQ	169.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

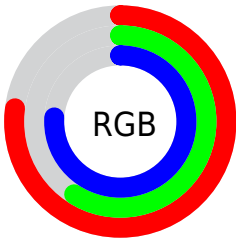
Format	Color
R_{YB}	197, 151, 194
Decimal	12949442
CIE _{Lab}	68.00, 24.46, -15.55
CIE _{LCh}	68, 28.980, 327.553
Yxy	37.9720, 0.3181, 0.2751
Android (android.graphics.Color)	4291139522 (0xFFC597C2)
YUV	169.6560, 12.0016, 23.9807
Hunter-Lab	61.6215, 19.3565, -10.8828

Details

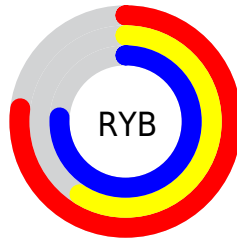
The CIELCh color $68, 28.980, 327.553$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 28.948, 144.684$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 28.869, 327.234$, and $48, 28.619, 328.030$ is the 20% darker color. If you saturate the color by 10%, you get $63, 41.262, 328.118$, and if you desaturate by 10%, it is $73, 16.519, 326.979$.

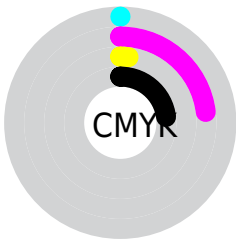
Distribution



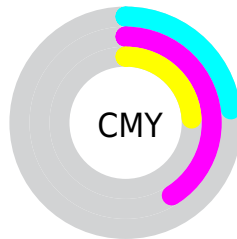
- Red (77%)
- Green (59%)
- Blue (76%)



- Red (77%)
- Yellow (59%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 28.980, 327.553 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 68, 28.980, 327.553 by changing the saturation by 10% instead.

 68, 28.980,
327.553


 68, 28.980,
327.553


 100, 28.980,
327.553


 58, 28.980,
327.553


 88, 28.980,
327.553

 48, 28.980,
327.553

 98, 28.980,
327.553

 38, 28.980,
327.553

 28, 28.980,
327.553

 18, 28.980,
327.553

 8, 28.980, 327.553

 0, 28.980, 327.553

68, 28.980,
327.553

68, 28.980,
327.553

63, 41.262,
328.118

73, 16.519,
326.979

59, 53.060,
328.665

78, 4.108, 326.365

55, 63.960,
329.183

83, 8.107, 145.913

52, 73.479,
329.661

88, 20.039,
145.359

50, 81.120,
330.092

94, 31.636,
144.842

48, 86.493,
330.474

95, 34.288,
145.175


47, 89.449,
330.813

95, 33.756,
145.827

46, 90.446,

95, 33.228,
146.500

331.025

 95, 32.703,
147.192

Harmonies

Complementary

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



68, 28.980, 327.553



75, 28.948, 144.684

Rectangle

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



68, 28.980, 327.553



68, 28.980, 17.553



68, 28.980, 147.553



68, 28.980, 197.553

Sweetspot

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



68, 28.978, 327.553



96, 10.650, 326.612



64, 25.715, 294.601



51, 6.922, 326.649



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 28.978, 327.553



83, 42.814, 327.843



67, 20.904, 348.614



39, 7.061, 326.748



38, 78.668, 330.984



4, 25.285, 329.249

Inverse Universe

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



68, 28.978, 327.553



83, 42.814, 327.843



76, 20.152, 164.305



39, 7.061, 326.748



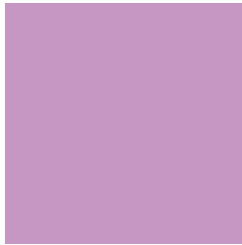
38, 78.668, 330.984



4, 25.285, 329.249

Previews

White Background



This preview shows how the CIELCh color 68, 28.980, 327.553 looks on a white background.

Color Contrast Check

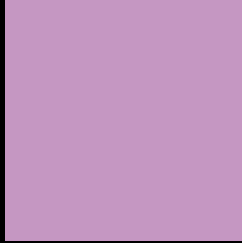
Large Text (above 18pt) WCAG AA × Fail

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 68, 28.980, 327.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

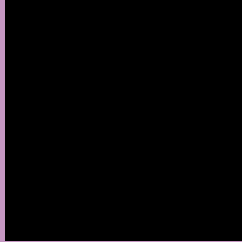
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 28.980, 327.553

Background



This preview shows how black text looks on a background with the CIELCh color 68, 28.980, 327.553.



This preview shows how white text looks on a background with the CIELCh color 68, 28.980, 327.553.

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
68, 16.052, 356.825

Trichromacy



Original Color
68, 28.980, 327.553

Protanomaly
68, 23.180, 303.706

Deuteranomaly
68, 20.959, 314.189

Tritanomaly
68, 20.311, 340.989

Monochromacy



Original Color
68, 28.980, 327.553

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.890, 326.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 28.980, 327.553 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, 151, 194)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 194)  
}
```

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, 151, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 28.980, 327.553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

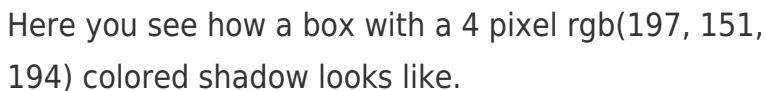
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 151, 194) }
```

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

```
.border{ border-color:rgb(197, 151, 194) }
```

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



Here you see how a box with a 4 pixel rgb(197, 151, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 151, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 151, 194);  
box-shadow:4px 4px 4px 4px rgb(197, 151,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 28.980, 327.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 194) }
```

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

```
.background{ background-color: rgb(197,  
151, 194) }
```

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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