

Converting Colors

CIELCh(68, 28.246, 348.535)

Have a look what the booklet for
CIELCh(68, 28.246, 348.535)
contains.

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Color

CIELCh(68, 28.254, 348.264)

Conversions

Conversions Part 1

Format	Color
Hex	D294B1
RGB	210, 148, 177
RGB Percent	82%, 58%, 69%
CMY	0.1772, 0.4202, 0.3065
CMYK	0.00, 0.30, 0.16, 0.18
HSL	332°, 41%, 70%
HSV	332°, 30%, 82%
XYZ	45.0119, 37.9720, 46.4649
YIQ	169.8440, 27.6430, 22.1630

Conversions

Conversions Part 2

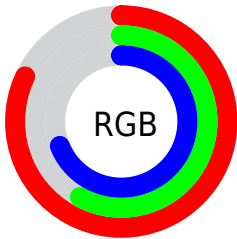
Format	Color
R _Y B	210, 148, 177
Decimal	13800625
CIE Lab	68.00, 27.66, -5.75
CIE LCh	68, 28.254, 348.264
Yxy	37.9720, 0.3477, 0.2933
Android (android.graphics.Color)	4291990705 (0xFFD294B1)
YUV	169.8440, 3.5279, 35.2168
Hunter-Lab	61.6215, 22.5494, -1.5718

Details

The CIELCh color $68, 28.254, 348.264$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 27.070, 162.641$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 24.350, 341.383$, and $48, 27.975, 349.262$ is the 20% darker color. If you saturate the color by 10%, you get $63, 37.859, 349.511$, and if you desaturate by 10%, it is $73, 18.547, 347.179$.

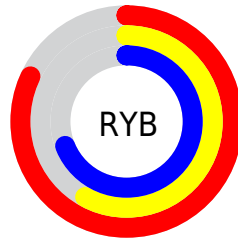
Distribution



Red (82%)

Green (58%)

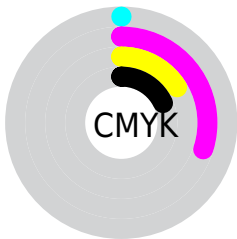
Blue (69%)



Red (82%)

Yellow (58%)

Blue (69%)

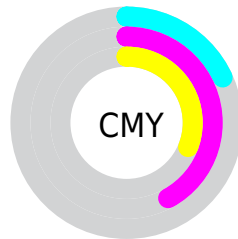


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 28.254, 348.264 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, 28.254, 348.264 by changing the saturation by 10% instead.

 68, 28.254,
348.264

 68, 28.254,
348.264

 100, 28.254,
348.264

 58, 28.254,
348.264


 88, 28.254,
348.264

 48, 28.254,
348.264

 98, 28.254,
348.264

 38, 28.254,
348.264

 28, 28.254,
348.264

 18, 28.254,
348.264

 8, 28.254, 348.264

 0, 28.254, 348.264

68, 28.254,
348.264

68, 28.254,
348.264

63, 37.859,
349.511

73, 18.547,
347.179

58, 47.066,
350.971

79, 8.950, 346.198

84, 0.417, 166.427

54, 55.457,
352.729

90, 9.490, 164.659

51, 62.543,
354.898

96, 18.240,
163.928

48, 67.865,
357.629

97, 16.503,
178.098

46, 71.170, 1.091

97, 15.054,
198.503

45, 72.819, 5.329

45, 72.893, 5.528

Harmonies

Complementary

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



68, 28.254, 348.264



79, 27.070, 162.641

Rectangle

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



68, 28.254, 348.264



68, 28.254, 38.264



68, 28.254, 168.264



68, 28.254, 218.264

Sweetspot

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



68, 28.251, 348.266



94, 9.884, 346.157



66, 36.213, 311.054



49, 6.882, 346.297



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, 28.251, 348.266



78, 39.273, 348.972



67, 24.788, 23.077



41, 5.307, 346.186



36, 61.884, 4.739



5, 21.508, 356.002

Inverse Universe

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



68, 28.251, 348.266



78, 39.273, 348.972



80, 20.226, 199.546



41, 5.307, 346.186



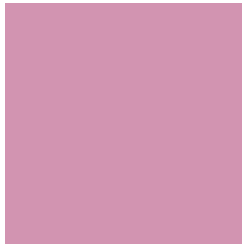
36, 61.884, 4.739



5, 21.508, 356.002

Previews

White Background



This preview shows how the CIELCh color 68, 28.254, 348.264 looks on a white background.

Color Contrast Check

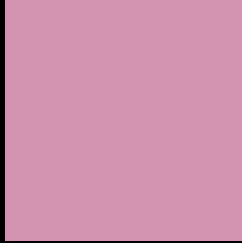
Large Text (above 18pt) WCAG AA × Fail

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, 28.254, 348.264 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, 28.254, 348.264

Background



This preview shows how black text looks on a background with the CIELCh color 68, 28.254, 348.264.



This preview shows how white text looks on a background with the CIELCh color 68, 28.254, 348.264.

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

68, 28.254, 348.264

Protanopia

68, 12.128, 288.034

Deuteranopia

68, 9.642, 332.368



Tritanopia
68, 23.642, 5.768

Trichromacy



Original Color
68, 28.254, 348.264

Protanomaly
68, 15.399, 321.605

Deuteranomaly
68, 16.591, 342.044

Tritanomaly
68, 25.193, 359.093

Monochromacy



Original Color
68, 28.254, 348.264

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.025, 347.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 28.254, 348.264 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(210, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(210, 148, 177)  
}
```

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(210, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 148, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 28.254, 348.264 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(210, 148, 177) }
```

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

```
.border{ border-color:rgb(210, 148, 177) }
```

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

Here you see how a box with a 4 pixel rgb(210, 148, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(210, 148,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 28.254, 348.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 148, 177) }
```

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

```
.background{ background-color: rgb(210,  
148, 177) }
```

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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