

Converting Colors

CIELCh(68, 35.689, 336.953)

Have a look what the booklet for
CIELCh(68, 35.689, 336.953)
contains.

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Color

CIELCh(68, 35.647, 336.997)

Conversions

Conversions Part 1

Format	Color
Hex	D591C0
RGB	213, 145, 192
RGB Percent	84%, 57%, 75%
CMY	0.1666, 0.4331, 0.2489
CMYK	0.00, 0.32, 0.10, 0.17
HSL	319°, 44%, 70%
HSV	319°, 32%, 83%
XYZ	46.8197, 37.9720, 54.4596
YIQ	170.6900, 25.4410, 29.0330

Conversions

Conversions Part 2

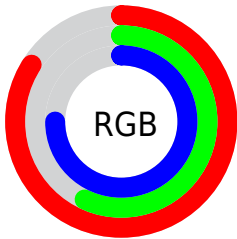
Format	Color
R _Y B	213, 145, 192
Decimal	13996480
CIE Lab	68.00, 32.81, -13.93
CIE LCh	68, 35.647, 336.997
Yxy	37.9720, 0.3362, 0.2727
Android (android.graphics.Color)	4292186560 (0xFFD591C0)
YUV	170.6900, 10.5058, 37.1059
Hunter-Lab	61.6215, 27.7860, -9.2641

Details

The CIELCh color $68, 35.647, 336.997$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 35.227, 151.997$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 31.627, 329.400$, and $48, 35.604, 337.139$ is the 20% darker color. If you saturate the color by 10%, you get $63, 46.443, 337.857$, and if you desaturate by 10%, it is $73, 24.498, 336.199$.

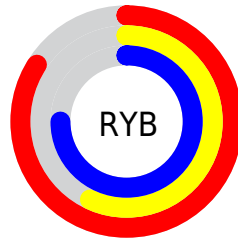
Distribution



Red (84%)

Green (57%)

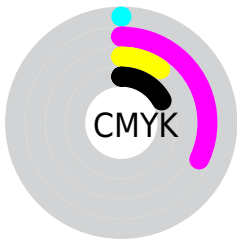
Blue (75%)



Red (84%)

Yellow (57%)

Blue (75%)

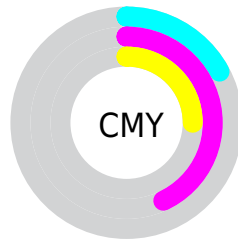


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (17%)



Cyan (17%)


Magenta (43%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 35.647, 336.997 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, 35.647, 336.997 by changing the saturation by 10% instead.


 68, 35.647,
336.997


 68, 35.647,
336.997


 100, 35.647,
336.997


 58, 35.647,
336.997


 88, 35.647,
336.997

 48, 35.647,
336.997

 98, 35.647,
336.997

 38, 35.647,
336.997

 28, 35.647,
336.997

 18, 35.647,
336.997

 8, 35.647, 336.997

 0, 35.647, 336.997

68, 35.647,
336.997

68, 35.647,
336.997

63, 46.443,
337.857

73, 24.498,
336.199

59, 56.503,
338.795

78, 13.282,
335.446

55, 65.334,
339.841

84, 2.182, 334.613

52, 72.388,
341.040

90, 8.689, 154.164

49, 77.183,
342.452

95, 19.269,
153.526

48, 79.477,
344.159

97, 19.413,
158.836

47, 79.866,
345.751

97, 17.317,
167.122

97, 15.645,
177.373

■ 97, 14.547,
189.566

Harmonies

Complementary

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



68, 35.647, 336.997



80, 35.227, 151.997

Rectangle

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



68, 35.647, 336.997



68, 35.647, 26.997



68, 35.647, 156.997



68, 35.647, 206.997

Sweetspot

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



68, 35.644, 336.998



94, 12.835, 335.307



64, 38.675, 304.004



49, 8.766, 335.412



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, 35.644, 336.998



77, 48.918, 337.541



67, 27.787, 6.888



42, 6.320, 335.256



38, 68.077, 345.403



6, 26.305, 341.598

Inverse Universe

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



68, 35.644, 336.998



77, 48.918, 337.541



80, 24.303, 180.261



42, 6.320, 335.256



38, 68.077, 345.403



6, 26.305, 341.598

Previews

White Background



This preview shows how the CIELCh color 68, 35.647, 336.997 looks on a white background.

Color Contrast Check

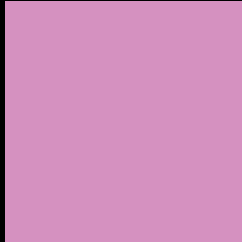
Large Text (above 18pt) WCAG AA × Fail

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 68, 35.647, 336.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

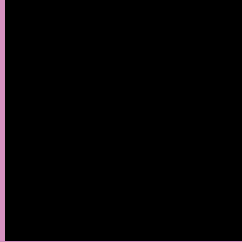
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 35.647, 336.997

Background



This preview shows how black text looks on a background with the CIELCh color 68, 35.647, 336.997.



This preview shows how white text looks on a background with the CIELCh color 68, 35.647, 336.997.

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](#).

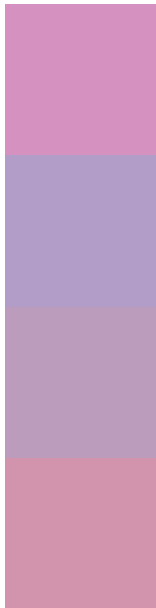
Dichromacy





Tritanopia
68, 24.026, 6.081

Trichromacy



Original Color
68, 35.647, 336.997

Protanomaly
68, 24.877, 308.891

Deuteranomaly
68, 21.493, 323.679

Tritanomaly
68, 27.276, 352.245

Monochromacy



Original Color
68, 35.647, 336.997

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 13.013, 334.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 35.647, 336.997 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(213, 145, 192)` looks like.

```
.text, #text, p{  
    color:rgb(213, 145, 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(213, 145, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 145, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 35.647, 336.997 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(213, 145, 192) }
```

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

```
.border{ border-color:rgb(213, 145, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 145, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 145, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 145, 192);  
box-shadow:4px 4px 4px 4px rgb(213, 145,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 35.647, 336.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 145, 192) }
```

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

```
.background{ background-color: rgb(213,  
145, 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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