

Converting Colors

CIELCh(68, 34.362, 335.640)

Have a look what the booklet for
CIELCh(68, 34.362, 335.640)
contains.

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Color

CIELCh(68, 34.293, 335.694)

Conversions

Conversions Part 1

Format	Color
Hex	D292C0
RGB	210, 146, 192
RGB Percent	82%, 57%, 75%
CMY	0.1772, 0.4281, 0.2478
CMYK	0.00, 0.30, 0.09, 0.18
HSL	317°, 41%, 70%
HSV	317°, 30%, 82%
XYZ	46.2673, 37.9720, 54.6504
YIQ	170.3800, 23.3780, 27.8740

Conversions

Conversions Part 2

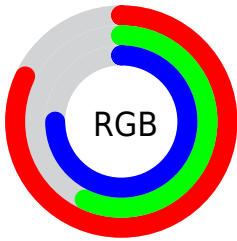
Format	Color
R _Y B	210, 146, 192
Decimal	13800128
CIE Lab	68.00, 31.25, -14.12
CIE LCh	68, 34.293, 335.694
Yxy	37.9720, 0.3331, 0.2734
Android (android.graphics.Color)	4291990208 (0xFFD292C0)
YUV	170.3800, 10.6587, 34.7467
Hunter-Lab	61.6215, 26.1857, -9.4477

Details

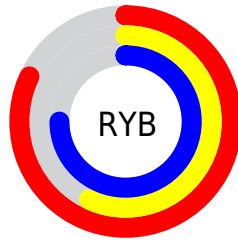
The CIELCh color $68, 34.293, 335.694$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 33.974, 151.094$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 31.000, 329.452$, and $48, 34.480, 336.225$ is the 20% darker color. If you saturate the color by 10%, you get $63, 45.234, 336.500$, and if you desaturate by 10%, it is $73, 23.034, 334.937$.

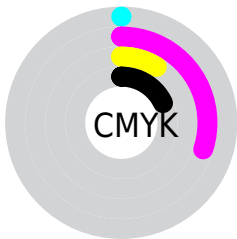
Distribution



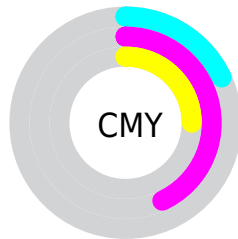
- Red (82%)
- Green (57%)
- Blue (75%)



- Red (82%)
- Yellow (57%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (43%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 34.293, 335.694 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, 34.293, 335.694 by changing the saturation by 10% instead.

 68, 34.293,
335.694

 68, 34.293,
335.694


 100, 34.293,
335.694

 58, 34.293,
335.694

 88, 34.293,
335.694

 48, 34.293,
335.694

 98, 34.293,
335.694

 38, 34.293,
335.694

 28, 34.293,
335.694

 18, 34.293,
335.694

 8, 34.293, 335.694

 0, 34.293, 335.694

68, 34.293,
335.694

68, 34.293,
335.694

63, 45.234,
336.500

73, 23.034,
334.937

59, 55.494,
337.366

78, 11.732,
334.214

55, 64.591,
338.315

84, 0.558, 332.955

52, 71.988,
339.380

89, 10.381,
152.974

49, 77.190,
340.609

95, 21.024,
152.360


48, 79.906,
342.068

96, 21.409,
156.540

47, 80.530,
343.693

96, 19.401,
162.953

97, 17.665,
170.692

 97, 16.290,
179.886

Harmonies

Complementary

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



68, 34.293, 335.694



79, 33.974, 151.094

Rectangle

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



68, 34.293, 335.694



68, 34.293, 25.694



68, 34.293, 155.694



68, 34.293, 205.694

Sweetspot

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



68, 34.290, 335.695



94, 11.772, 334.113



64, 36.298, 302.764



49, 8.189, 334.219



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, 34.290, 335.695



77, 48.560, 336.246



67, 26.347, 4.174



41, 6.319, 334.135



37, 68.539, 343.385



5, 25.049, 339.861

Inverse Universe

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



68, 34.290, 335.695



77, 48.560, 336.246



80, 23.504, 177.821



41, 6.319, 334.135



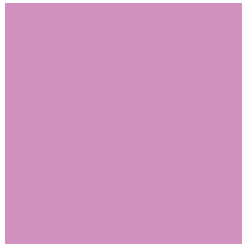
37, 68.539, 343.385



5, 25.049, 339.861

Previews

White Background



This preview shows how the CIELCh color 68, 34.293, 335.694 looks on a white background.

Color Contrast Check

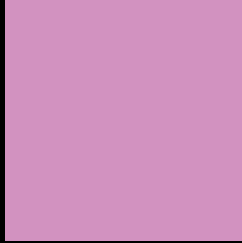
Large Text (above 18pt) WCAG AA × Fail

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, 34.293, 335.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

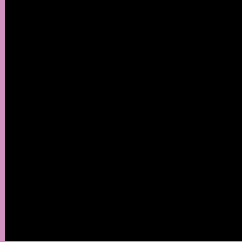
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 34.293, 335.694

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.293, 335.694.



This preview shows how white text looks on a background with the CIELCh color 68, 34.293, 335.694.

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, 22.466, 4.758

Trichromacy



Original Color
68, 34.293, 335.694

Protanomaly
68, 24.782, 308.097

Deuteranomaly
68, 21.594, 321.184

Tritanomaly
68, 25.696, 351.385

Monochromacy



Original Color
68, 34.293, 335.694

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 12.756, 333.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.293, 335.694 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, 146, 192)` looks like.

```
.text, #text, p{  
    color:rgb(210, 146, 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(210, 146, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 146, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.293, 335.694 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, 146, 192) }
```

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

```
.border{ border-color:rgb(210, 146, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 146, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 146, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 146, 192); box-shadow:4px 4px 4px 4px rgb(210, 146, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.293, 335.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 146, 192) }
```

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

```
.background{ background-color: rgb(210,  
146, 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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