

Converting Colors

CIELCh(68, 32.731, 335.362)

Have a look what the booklet for
CIELCh(68, 32.731, 335.362)
contains.

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Color

CIELCh(68, 32.810, 335.497)

Conversions

Conversions Part 1

Format	Color
Hex	D093BF
RGB	208, 147, 191
RGB Percent	82%, 58%, 75%
CMY	0.1849, 0.4240, 0.2515
CMYK	0.00, 0.29, 0.08, 0.18
HSL	317°, 39%, 70%
HSV	317°, 29%, 82%
XYZ	45.7756, 37.9720, 54.1284
YIQ	170.2550, 22.2320, 26.6160

Conversions

Conversions Part 2

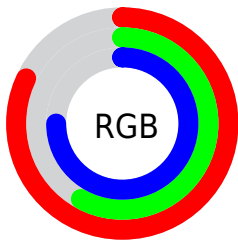
Format	Color
R _Y B	208, 147, 191
Decimal	13669311
CIE Lab	68.00, 29.86, -13.61
CIE LCh	68, 32.810, 335.497
Yxy	37.9720, 0.3320, 0.2754
Android (android.graphics.Color)	4291859391 (0xFFD093BF)
YUV	170.2550, 10.2273, 33.1024
Hunter-Lab	61.6215, 24.7615, -8.9455

Details

The CIELCh color $68, 32.810, 335.497$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 32.516, 151.114$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 29.977, 330.134$, and $48, 33.353, 335.262$ is the 20% darker color. If you saturate the color by 10%, you get $63, 43.740, 336.292$, and if you desaturate by 10%, it is $73, 21.600, 334.748$.

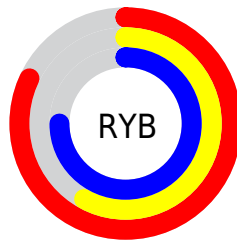
Distribution



Red (82%)

Green (58%)

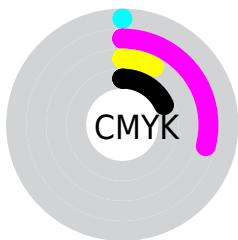
Blue (75%)



Red (82%)

Yellow (58%)

Blue (75%)

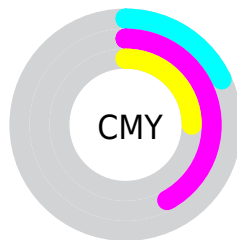


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (18%)



Cyan (18%)


Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 32.810, 335.497 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, 32.810, 335.497 by changing the saturation by 10% instead.

 68, 32.810,
335.497

 68, 32.810,
335.497


 100, 32.810,
335.497

 58, 32.810,
335.497


 88, 32.810,
335.497

 48, 32.810,
335.497


 98, 32.810,
335.497

 38, 32.810,
335.497

 28, 32.810,
335.497

 18, 32.810,
335.497

 8, 32.810, 335.497

 0, 32.810, 335.497

68, 32.810,
335.497

68, 32.810,
335.497

63, 43.740,
336.292

73, 21.600,
334.748

59, 54.040,
337.145

78, 10.371,
334.029

55, 63.247,
338.076

84, 0.717, 153.876

52, 70.829,
339.115

89, 11.561,
152.802

49, 76.282,
340.308

95, 22.109,
152.195

47, 79.287,
341.717

96, 22.474,
156.098


46, 80.083,
343.385

96, 20.476,
162.021

46, 80.114,

96, 18.719,
169.099

343.499

 97, 17.277,
177.464

Harmonies

Complementary

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



68, 32.810, 335.497



78, 32.516, 151.114

Rectangle

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



68, 32.810, 335.497



68, 32.810, 25.497



68, 32.810, 155.497



68, 32.810, 205.497

Sweetspot

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



68, 32.807, 335.498



94, 11.793, 334.012



64, 34.587, 302.661



49, 8.204, 334.118



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, 32.807, 335.498



79, 46.081, 335.974



67, 25.103, 4.004



41, 6.330, 334.034



37, 68.655, 343.207



5, 25.097, 339.720

Inverse Universe

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



68, 32.807, 335.498



79, 46.081, 335.974



79, 22.501, 177.946



41, 6.330, 334.034



37, 68.655, 343.207



5, 25.097, 339.720

Previews

White Background



This preview shows how the CIELCh color 68, 32.810, 335.497 looks on a white background.

Color Contrast Check

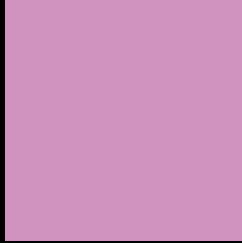
Large Text (above 18pt) WCAG AA × Fail

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, 32.810, 335.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

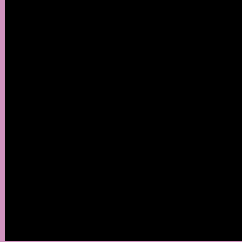
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 32.810, 335.497

Background



This preview shows how black text looks on a background with the CIELCh color 68, 32.810, 335.497.



This preview shows how white text looks on a background with the CIELCh color 68, 32.810, 335.497.

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, 32.810, 335.497

Protanopia

68, 21.564, 286.034

Deuteranopia

68, 14.843, 305.663



Tritanopia
68, 21.301, 3.658

Trichromacy



Original Color
68, 32.810, 335.497

Protanomaly
68, 23.519, 307.109

Deuteranomaly
68, 21.125, 321.926

Tritanomaly
68, 24.690, 349.839

Monochromacy



Original Color
68, 32.810, 335.497

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 12.095, 333.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 32.810, 335.497 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(208, 147, 191)` looks like.

```
.text, #text, p{  
    color:rgb(208, 147, 191)  
}
```

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(208, 147, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 147, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 32.810, 335.497 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(208, 147, 191) }
```

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

```
.border{ border-color:rgb(208, 147, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 147, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 147, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 147, 191);  
box-shadow:4px 4px 4px 4px rgb(208, 147,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 32.810, 335.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 147, 191) }
```

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

```
.background{ background-color: rgb(208,  
147, 191) }
```

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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