

Converting Colors

CIELCh(68, 32.443, 336.188)

Have a look what the booklet for
CIELCh(68, 32.443, 336.188)
contains.

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Color

CIELCh(68, 32.443, 336.188)

Conversions

Conversions Part 1

Format	Color
Hex	D093BE
RGB	208, 147, 190
RGB Percent	82%, 58%, 75%
CMY	0.1845, 0.4237, 0.2551
CMYK	0.00, 0.29, 0.09, 0.18
HSL	318°, 39%, 70%
HSV	318°, 29%, 82%
XYZ	45.7147, 37.9720, 53.6082
YIQ	170.1410, 22.5530, 26.3050

Conversions

Conversions Part 2

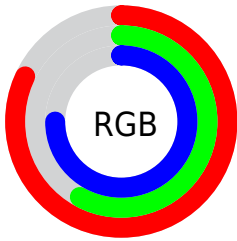
Format	Color
RYB	208, 147, 190
Decimal	13669310
CIELab	68.00, 29.68, -13.10
CIELCh	68, 32.443, 336.188
Yxy	37.9720, 0.3330, 0.2766
Android (android.graphics.Color)	4291859390 (0xFFD093BE)
YUV	170.1410, 9.7905, 33.2023
Hunter-Lab	61.6215, 24.5852, -8.4449

Details

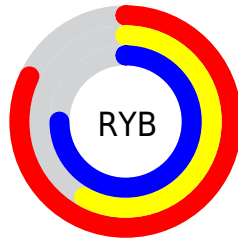
The CIELCh color $68, 32.443, 336.188$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 32.112, 151.739$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 29.586, 330.779$, and $48, 32.966, 335.987$ is the 20% darker color. If you saturate the color by 10%, you get $63, 43.266, 337.008$, and if you desaturate by 10%, it is $73, 21.349, 335.421$.

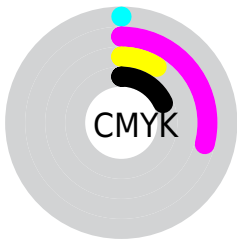
Distribution



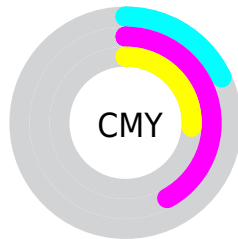
- Red (82%)
- Green (58%)
- Blue (75%)



- Red (82%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (18%)




- Cyan (18%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 32.443, 336.188 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, 32.443, 336.188 by changing the saturation by 10% instead.

 68, 32.443,
336.188

 68, 32.443,
336.188


 100, 32.443,
336.188

 58, 32.443,
336.188


 88, 32.443,
336.188

 48, 32.443,
336.188

 98, 32.443,
336.188

 38, 32.443,
336.188

 28, 32.443,
336.188

 18, 32.443,
336.188

 8, 32.443, 336.188

 0, 32.443, 336.188

68, 32.443,
336.188

68, 32.443,
336.188

63, 43.266,
337.008

73, 21.349,
335.421

59, 53.472,
337.893

78, 10.242,
334.688

55, 62.598,
338.867

84, 0.720, 154.530

52, 70.114,
339.966

89, 11.437,
153.442

49, 75.516,
341.240

95, 21.858,
152.829

47, 78.481,
342.760

96, 22.038,
157.142


46, 79.251,
344.570

96, 19.972,
163.684

46, 79.281,

96, 18.196,
171.572

344.696

 97, 16.807,
180.923

Harmonies

Complementary

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



68, 32.443, 336.188



78, 32.112, 151.739

Rectangle

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



68, 32.443, 336.188



68, 32.443, 26.188



68, 32.443, 156.188



68, 32.443, 206.188

Sweetspot

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



68, 32.440, 336.189



94, 11.656, 334.671



64, 34.638, 303.223



49, 8.108, 334.779



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, 32.440, 336.189



79, 45.573, 336.680



67, 24.995, 5.242



41, 6.257, 334.694



37, 67.923, 344.377



5, 24.791, 340.649

Inverse Universe

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



68, 32.440, 336.189



79, 45.573, 336.680



79, 22.269, 179.229



41, 6.257, 334.694



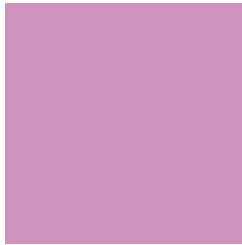
37, 67.923, 344.377



5, 24.791, 340.649

Previews

White Background



This preview shows how the CIELCh color 68, 32.443, 336.188 looks on a white background.

Color Contrast Check

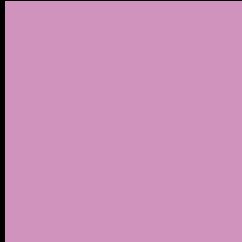
Large Text (above 18pt) WCAG AA × Fail

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, 32.443, 336.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

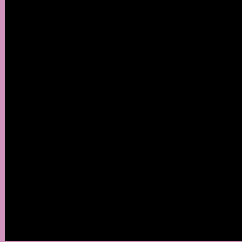
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 32.443, 336.188

Background



This preview shows how black text looks on a background with the CIELCh color 68, 32.443, 336.188.



This preview shows how white text looks on a background with the CIELCh color 68, 32.443, 336.188.

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, 21.570, 5.438

Trichromacy



Original Color
68, 32.443, 336.188

Protanomaly
68, 23.083, 308.303

Deuteranomaly
68, 19.992, 322.591

Tritanomaly
68, 24.774, 351.477

Monochromacy



Original Color
68, 32.443, 336.188

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 11.710, 335.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 32.443, 336.188 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(208, 147, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 147, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 32.443, 336.188 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, 190) }
```

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

```
.border{ border-color:rgb(208, 147, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 147, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 147, 190);  
box-shadow:4px 4px 4px 4px rgb(208, 147,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 32.443, 336.188 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, 190) }
```

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

```
.background{ background-color: rgb(208,  
147, 190) }
```

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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