

Converting Colors

CIELCh(68, 27.277, 323.241)

Have a look what the booklet for
CIELCh(68, 27.277, 323.241)
contains.

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Color

CIELCh(68, 27.148, 323.576)

Conversions

Conversions Part 1

Format	Color
Hex	C099C3
RGB	192, 153, 195
RGB Percent	75%, 60%, 76%
CMY	0.2467, 0.3997, 0.2349
CMYK	0.02, 0.22, 0.00, 0.23
HSL	296°, 26%, 68%
HSV	296°, 22%, 77%
XYZ	43.0258, 37.9720, 56.7437
YIQ	169.4490, 9.7620, 21.3300

Conversions

Conversions Part 2

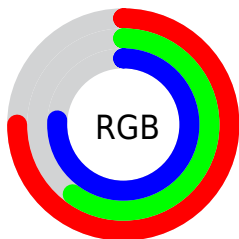
Format	Color
R _Y B	192, 153, 195
Decimal	12622275
CIE Lab	68.00, 21.84, -16.12
CIE LCh	68, 27.148, 323.576
Yxy	37.9720, 0.3124, 0.2757
Android (android.graphics.Color)	4290812355 (0xFFC099C3)
YUV	169.4490, 12.5966, 19.7772
Hunter-Lab	61.6215, 16.7959, -11.4618

Details

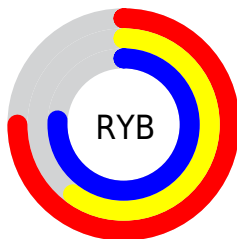
The CIELCh color $68, 27.148, 323.576$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 27.050, 141.258$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 27.094, 323.478$, and $48, 26.736, 323.684$ is the 20% darker color. If you saturate the color by 10%, you get $63, 39.741, 324.065$, and if you desaturate by 10%, it is $73, 14.473, 323.070$.

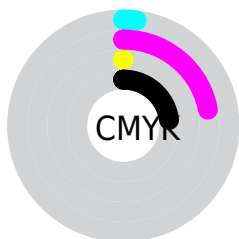
Distribution



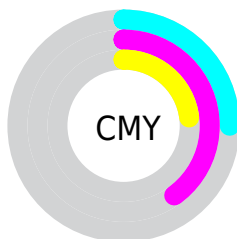
- Red (75%)
- Green (60%)
- Blue (76%)



- Red (75%)
- Yellow (60%)
- Blue (76%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)




- Cyan (25%)
- Magenta (40%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 27.148, 323.576 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, 27.148, 323.576 by changing the saturation by 10% instead.


 68, 27.148,
323.576


 68, 27.148,
323.576

 100, 27.148,
323.576


 58, 27.148,
323.576


 88, 27.148,
323.576

 48, 27.148,
323.576

 98, 27.148,
323.576

 38, 27.148,
323.576

 28, 27.148,
323.576

 18, 27.148,
323.576

 8, 27.148, 323.576

 0, 27.148, 323.576

68, 27.148,
323.576

68, 27.148,
323.576

63, 39.741,
324.065

73, 14.473,
323.070

59, 51.986,
324.521

78, 1.911, 322.464

55, 63.505,
324.926

83, 10.419,
142.123

51, 73.835,
325.254

89, 22.445,
141.641

48, 82.463,
325.481

94, 34.130,
141.191

46, 88.931,
325.585

95, 36.484,
140.627


45, 92.980,
325.551

95, 36.212,
140.015

44, 94.873,

95, 35.943,
139.391

325.434

 95, 35.679,
138.754

Harmonies

Complementary

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



68, 27.148, 323.576



75, 27.050, 141.258

Rectangle

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



68, 27.148, 323.576



68, 27.148, 13.576



68, 27.148, 143.576



68, 27.148, 193.576

Sweetspot

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



68, 27.146, 323.576



95, 9.252, 322.783



66, 21.396, 289.187



51, 6.190, 322.819



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, 27.146, 323.576



83, 40.437, 323.817



68, 20.783, 341.135



38, 7.068, 322.957



36, 82.146, 325.473



4, 23.334, 323.233

Inverse Universe

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



67, 16.716, 15.374



82, 25.288, 15.951



75, 20.424, 157.648



38, 4.200, 14.144



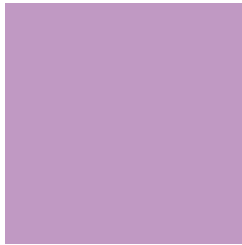
33, 70.965, 36.756



3, 14.045, 15.507

Previews

White Background



This preview shows how the CIELCh color 68, 27.148, 323.576 looks on a white background.

Color Contrast Check

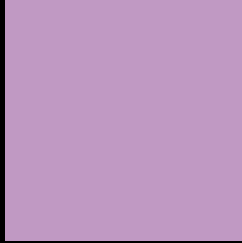
Large Text (above 18pt) WCAG AA × Fail

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, 27.148, 323.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

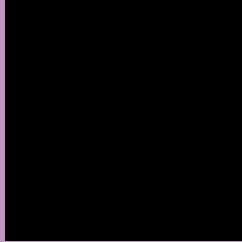
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.148, 323.576

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.148, 323.576.



This preview shows how white text looks on a background with the CIELCh color 68, 27.148, 323.576.

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, 27.148, 323.576

Protanopia
68, 21.564, 286.034

Deuteranopia
68, 17.329, 300.121



Tritanopia
68, 13.244, 350.877

Trichromacy



Original Color
68, 27.148, 323.576

Protanomaly
68, 22.428, 301.303

Deuteranomaly
68, 20.447, 310.382

Tritanomaly
68, 17.727, 335.604

Monochromacy



Original Color
68, 27.148, 323.576

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 9.802, 323.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.148, 323.576 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(192, 153, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 153, 195)  
}
```

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(192, 153, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 153, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.148, 323.576 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(192, 153, 195) }
```

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

```
.border{ border-color:rgb(192, 153, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 153, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 153, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 153, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 153,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.148, 323.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 153, 195) }
```

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

```
.background{ background-color: rgb(192,  
153, 195) }
```

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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