

Converting Colors

CIELCh(68, 31.999, 319.119)

Have a look what the booklet for
CIELCh(68, 31.999, 319.119)
contains.

CIELCh(68, 32.026, 318.988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 32.026, 318.988)

Conversions

Conversions Part 1

Format	Color
Hex	C098CC
RGB	192, 152, 204
RGB Percent	75%, 60%, 80%
CMY	0.2475, 0.4043, 0.2004
CMYK	0.06, 0.25, 0.00, 0.20
HSL	286°, 34%, 70%
HSV	286°, 25%, 80%
XYZ	43.8110, 37.9720, 62.0821
YIQ	169.8880, 7.1480, 24.6520

Conversions

Conversions Part 2

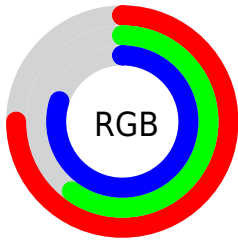
Format	Color
R_{YB}	192, 152, 204
Decimal	12622028
CIE Lab	68.00, 24.17, -21.02
CIE LCh	68, 32.026, 318.988
Yxy	37.9720, 0.3045, 0.2639
Android (android.graphics.Color)	4290812108 (0xFFC098CC)
YUV	169.8880, 16.8172, 19.3922
Hunter-Lab	61.6215, 19.0705, -16.5982

Details

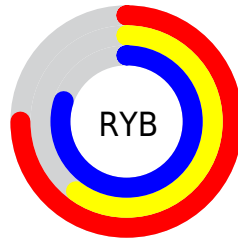
The CIELCh color $68, 32.026, 318.988$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 31.582, 136.622$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 29.039, 321.897$, and $48, 31.918, 318.828$ is the 20% darker color. If you saturate the color by 10%, you get $63, 44.695, 319.417$, and if you desaturate by 10%, it is $73, 19.337, 318.543$.

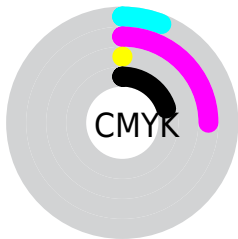
Distribution



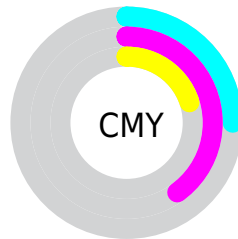
- Red (75%)
- Green (60%)
- Blue (80%)



- Red (75%)
- Yellow (60%)
- Blue (80%)



- Cyan (6%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 32.026, 318.988 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, 32.026, 318.988 by changing the saturation by 10% instead.

68, 32.026,
318.988

68, 32.026,
318.988

100, 32.026,
318.988

58, 32.026,
318.988

88, 32.026,
318.988

48, 32.026,
318.988

98, 32.026,
318.988

38, 32.026,
318.988

28, 32.026,
318.988

18, 32.026,
318.988

8, 32.026, 318.988

0, 32.026, 318.988

68, 32.026,
318.988

68, 32.026,
318.988

63, 44.695,
319.417

73, 19.337,
318.543

58, 57.093,
319.809

79, 6.800, 318.088

85, 5.484, 137.734

53, 68.844,
320.132

90, 17.462,
137.310

49, 79.448,
320.343

96, 29.104,
136.934

46, 88.313,
320.393

96, 28.984,
134.263

43, 94.866,
320.232


97, 28.244,
131.267

41, 98.767,
319.819

97, 27.583,
128.083

40, 99.998,

319.587

 97, 27.012,
124.716

Harmonies

Complementary

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



68, 32.026, 318.988



78, 31.582, 136.622

Rectangle

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



68, 32.026, 318.988



68, 32.026, 8.988



68, 32.026, 138.988



68, 32.026, 188.988

Sweetspot

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



68, 32.024, 318.988



95, 11.889, 318.210



68, 22.234, 281.878



50, 8.461, 318.280



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, 32.024, 318.988



80, 46.778, 319.244



69, 28.311, 334.712



40, 7.042, 318.269



32, 85.683, 319.702



4, 26.637, 318.041

Inverse Universe

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



68, 21.300, 3.658



80, 31.402, 4.488



78, 28.097, 151.031



40, 4.569, 1.755



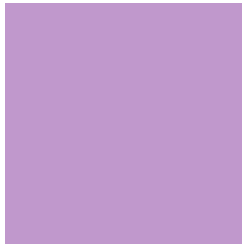
34, 65.755, 26.551



4, 18.304, 8.195

Previews

White Background



This preview shows how the CIELCh color 68, 32.026, 318.988 looks on a white background.

Color Contrast Check

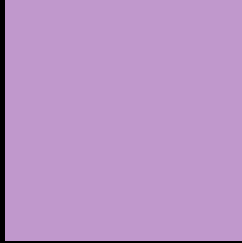
Large Text (above 18pt) WCAG AA × Fail

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, 32.026, 318.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

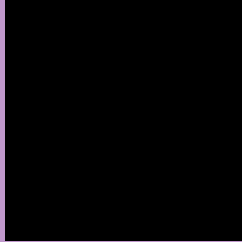
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 32.026, 318.988

Background



This preview shows how black text looks on a background with the CIELCh color 68, 32.026, 318.988.



This preview shows how white text looks on a background with the CIELCh color 68, 32.026, 318.988.

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, 32.026, 318.988

Protanopia
68, 27.093, 285.935

Deuteranopia
68, 22.098, 294.173



Tritanopia
68, 12.911, 349.974

Trichromacy



Original Color
68, 32.026, 318.988

Protanomaly
68, 27.785, 298.489

Deuteranomaly
68, 25.567, 305.163

Tritanomaly
68, 18.899, 332.044

Monochromacy



Original Color
68, 32.026, 318.988

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 11.888, 318.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 32.026, 318.988 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, 152, 204)` looks like.

```
.text, #text, p{  
    color:rgb(192, 152, 204)  
}
```

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, 152, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 152, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 32.026, 318.988 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, 152, 204) }
```

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

```
.border{ border-color:rgb(192, 152, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 152, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 152, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 152, 204);  
box-shadow:4px 4px 4px 4px rgb(192, 152,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 32.026, 318.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 152, 204) }
```

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

```
.background{ background-color: rgb(192,  
152, 204) }
```

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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