

Converting Colors

CIELCh(67, 18.689, 318.492)

Have a look what the booklet for
CIELCh(67, 18.689, 318.492)
contains.

| | |
|--|----|
| CIELCh(67, 18.689, 318.492) | 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(67, 18.689, 318.492)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B29BB9 |
| RGB | 178, 155, 185 |
| RGB Percent | 70%, 61%, 73% |
| CMY | 0.3002, 0.3904, 0.2727 |
| CMYK | 0.04, 0.16, 0.00, 0.27 |
| HSL | 286°, 18%, 67% |
| HSV | 286°, 16%, 73% |
| XYZ | 39.0657, 36.6320, 51.1647 |
| YIQ | 165.2970, 4.0780, 14.2060 |

Conversions

Conversions Part 2

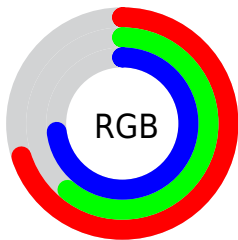
| Format | Color |
|-------------------------------------|---|
| RYB | 178, 155, 185 |
| Decimal | 11705273 |
| CIELab | 67.00, 14.00, -12.39 |
| CIElCh | 67, 18.689, 318.492 |
| Yxy | 36.6320, 0.3079, 0.2888 |
| Android (android.graphics.Color) | 4289895353 (0xFFB29BB9) |
| YUV | 165.2970, 9.7136, 11.1405 |
| Hunter-Lab | 60.5244, 9.2960, -7.7541 |

Details

The CIELCh color $67, 18.689, 318.492$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $73, 18.514, 137.064$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.367, 318.584$, and $47, 18.541, 318.170$ is the 20% darker color. If you saturate the color by 10%, you get $62, 30.431, 318.932$, and if you desaturate by 10%, it is $72, 7.076, 318.042$.

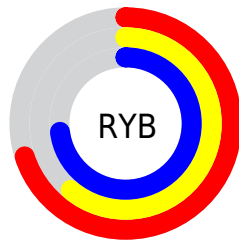
Distribution



Red (70%)

Green (61%)

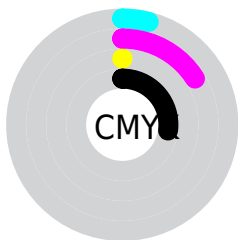
Blue (73%)



Red (70%)

Yellow (61%)

Blue (73%)

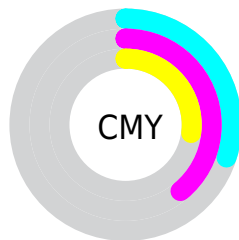


Cyan (4%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (39%)

Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 18.689, 318.492 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 67, 18.689, 318.492 by changing the saturation by 10% instead.


 67, 18.689,
318.492


 67, 18.689,
318.492


 100, 18.689,
318.492


 57, 18.689,
318.492


 87, 18.689,
318.492

 47, 18.689,
318.492

 97, 18.689,
318.492

 37, 18.689,
318.492

 27, 18.689,
318.492

 17, 18.689,
318.492

 7, 18.689, 318.492

 0, 18.689, 318.492

67, 18.689,
318.492

67, 18.689,
318.492

62, 30.431,
318.932

72, 7.076, 318.042

57, 42.152,
319.358

77, 4.306, 137.693

53, 53.613,
319.745

83, 15.409,
137.265

48, 64.468,
320.062

88, 26.204,
136.889

45, 74.255,
320.268

93, 36.685,
136.545

41, 82.432,
320.313

95, 39.976,
135.264

39, 88.474,
320.147

95, 39.240,
133.347

37, 92.103,

96, 38.546,
131.334

319.735

96, 37.899,
129.224

37, 93.185,
319.551

Harmonies

Complementary

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



67, 18.689, 318.492



73, 18.514, 137.064

Rectangle

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



67, 18.689, 318.492



67, 18.689, 8.492



67, 18.689, 138.492



67, 18.689, 188.492

Sweetspot

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



67, 18.687, 318.492



92, 7.104, 317.989



67, 12.901, 280.409



49, 4.889, 318.023



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 18.687, 318.492



83, 27.324, 318.631



67, 16.587, 334.030



36, 6.450, 318.186



30, 81.789, 319.657



2, 17.026, 314.927

Inverse Universe

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



67, 12.269, 2.309



83, 18.024, 2.675



73, 16.493, 151.842



36, 4.192, 1.555



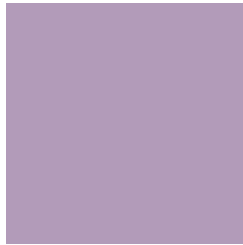
32, 62.512, 26.027



2, 10.995, 5.517

Previews

White Background



This preview shows how the CIELCh color 67, 18.689, 318.492 looks on a white background.

Color Contrast Check

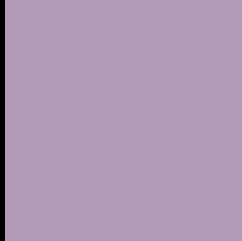
Large Text (above 18pt) WCAG AA × Fail

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 67, 18.689, 318.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

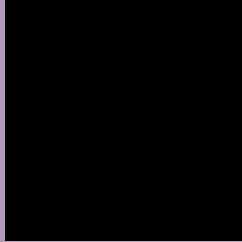
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 18.689, 318.492

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.689, 318.492.



This preview shows how white text looks on a background with the CIELCh color 67, 18.689, 318.492.

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


67, 18.689, 318.492

Protanopia

67, 15.508, 286.568

Deuteranopia

67, 14.893, 305.675



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 18.689, 318.492

Protanomaly
67, 15.628, 298.308

Deuteranomaly
67, 15.852, 310.356

Tritanomaly
67, 12.943, 326.415

Monochromacy



Original Color
67, 18.689, 318.492

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.980, 319.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.689, 318.492 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(178, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 155, 185)  
}
```

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(178, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 155, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.689, 318.492 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(178, 155, 185) }
```

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

```
.border{ border-color:rgb(178, 155, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 155, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 155, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 155,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.689, 318.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 155, 185) }
```

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

```
.background{ background-color: rgb(178,  
155, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor