

Converting Colors

CIELCh(68, 18.041, 358.705)

Have a look what the booklet for
CIELCh(68, 18.041, 358.705)
contains.

CIELCh(68, 18.435, 358.560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 18.435, 358.560)

Conversions

Conversions Part 1

Format	Color
Hex	C69AA7
RGB	198, 154, 167
RGB Percent	78%, 60%, 65%
CMY	0.2230, 0.3956, 0.3446
CMYK	0.00, 0.22, 0.16, 0.22
HSL	342°, 28%, 69%
HSV	342°, 22%, 78%
XYZ	41.8877, 37.9720, 41.7431
YIQ	168.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

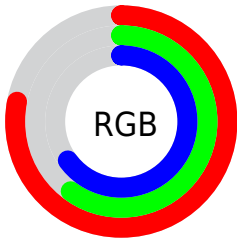
Format	Color
R _Y B	198, 154, 167
Decimal	13015719
CIE Lab	68.00, 18.43, -0.46
CIE LCh	68, 18.435, 358.560
Yxy	37.9720, 0.3445, 0.3123
Android (android.graphics.Color)	4291205799 (0xFFC69AA7)
YUV	168.6380, -0.8075, 25.7505
Hunter-Lab	61.6215, 13.4992, 2.9712

Details

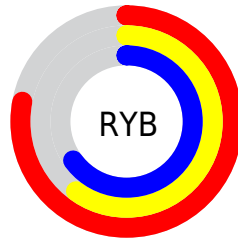
The CIELCh color $68, 18.435, 358.560$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 17.266, 174.181$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 18.146, 358.997$, and $48, 18.364, 359.472$ is the 20% darker color. If you saturate the color by 10%, you get $63, 27.142, 359.900$, and if you desaturate by 10%, it is $73, 9.942, 357.412$.

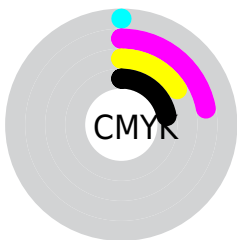
Distribution



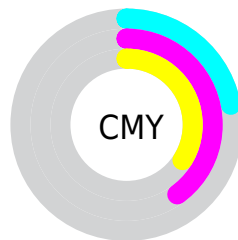
- Red (78%)
- Green (60%)
- Blue (65%)



- Red (78%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 18.435, 358.560 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, 18.435, 358.560 by changing the saturation by 10% instead.


 68, 18.435,
358.560


 68, 18.435,
358.560


 100, 18.435,
358.560


 58, 18.435,
358.560


 88, 18.435,
358.560

 48, 18.435,
358.560

 98, 18.435,
358.560

 38, 18.435,
358.560

 28, 18.435,
358.560

 18, 18.435,
358.560

 8, 18.435, 358.560

 0, 18.435, 358.560

68, 18.435,
358.560

68, 18.435,
358.560

63, 27.142,
359.900

73, 9.942, 357.412

79, 1.764, 356.213

58, 35.904, 1.497

84, 6.061, 175.702

54, 44.462, 3.450

90, 13.524,
174.895

50, 52.465, 5.887

46, 59.525, 8.969

95, 20.636,
174.196

44, 65.329, 12.864

96, 18.988,
191.845

42, 69.816, 17.673

42, 72.799, 21.830

96, 18.669,
198.272

Harmonies

Complementary

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



68, 18.435, 358.560



77, 17.266, 174.181

Rectangle

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



68, 18.435, 358.560



68, 18.435, 48.560



68, 18.435, 178.560



68, 18.435, 228.560

Sweetspot

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



68, 18.433, 358.564



95, 6.924, 356.862



68, 26.753, 316.671



50, 4.505, 356.928



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, 18.433, 358.564



82, 27.738, 359.230



70, 14.926, 39.165



39, 4.606, 357.108



34, 62.738, 20.941



4, 16.500, 4.463

Inverse Universe

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



68, 18.433, 358.564



82, 27.738, 359.230



75, 12.882, 220.363



39, 4.606, 357.108



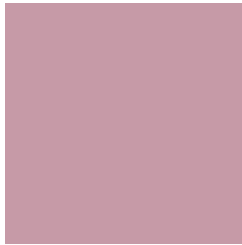
34, 62.738, 20.941



4, 16.500, 4.463

Previews

White Background



This preview shows how the CIELCh color 68, 18.435, 358.560 looks on a white background.

Color Contrast Check

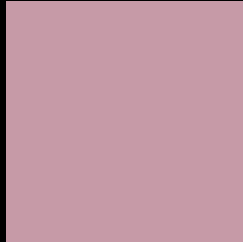
Large Text (above 18pt) WCAG AA × Fail

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, 18.435, 358.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

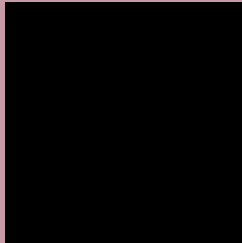
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 18.435, 358.560

Background



This preview shows how black text looks on a background with the CIELCh color 68, 18.435, 358.560.

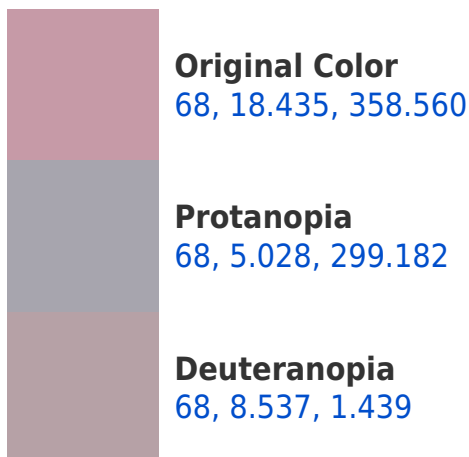


This preview shows how white text looks on a background with the CIELCh color 68, 18.435, 358.560.

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, 18.267, 0.174

Trichromacy



Original Color
68, 18.435, 358.560

Protanomaly
68, 8.865, 337.151

Deuteranomaly
68, 11.841, 1.632

Tritanomaly
68, 18.267, 0.174

Monochromacy



Original Color
68, 18.435, 358.560

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.510, 0.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 18.435, 358.560 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(198, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 167)  
}
```

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(198, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 18.435, 358.560 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(198, 154, 167) }
```

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

```
.border{ border-color:rgb(198, 154, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 18.435, 358.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 167) }
```

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

```
.background{ background-color: rgb(198,  
154, 167) }
```

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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