

Converting Colors

CIELCh(69, 18.103, 346.915)

Have a look what the booklet for
CIELCh(69, 18.103, 346.915)
contains.

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Color

CIELCh(69, 17.787, 347.558)

Conversions

Conversions Part 1

Format	Color
Hex	C59EB0
RGB	197, 158, 176
RGB Percent	77%, 62%, 69%
CMY	0.2283, 0.3812, 0.3107
CMYK	0.00, 0.20, 0.11, 0.23
HSL	332°, 25%, 70%
HSV	332°, 20%, 77%
XYZ	42.9703, 39.3444, 46.2887
YIQ	171.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

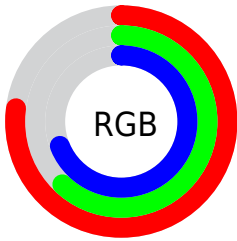
Format	Color
RYB	197, 158, 176
Decimal	12951216
CIELab	69.00, 17.37, -3.83
CIELCh	69, 17.787, 347.558
Yxy	39.3444, 0.3341, 0.3059
Android (android.graphics.Color)	4291141296 (0xFFC59EB0)
YUV	171.7130, 2.1135, 22.1767
Hunter-Lab	62.7251, 12.5139, 0.1539

Details

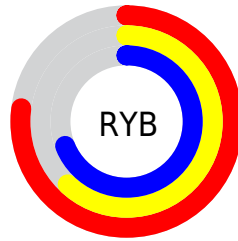
The CIELCh color $69, 17.787, 347.558$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 17.267, 164.019$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.781, 347.104$, and $49, 18.259, 346.683$ is the 20% darker color. If you saturate the color by 10%, you get $64, 26.967, 348.654$, and if you desaturate by 10%, it is $74, 8.705, 346.577$.

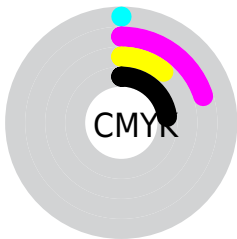
Distribution



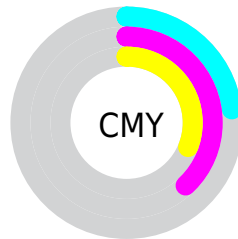
- Red (77%)
- Green (62%)
- Blue (69%)



- Red (77%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (23%)




- Cyan (23%)
- Magenta (38%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 17.787, 347.558 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 69, 17.787, 347.558 by changing the saturation by 10% instead.

 69, 17.787,
347.558


 69, 17.787,
347.558


 100, 17.787,
347.558

 59, 17.787,
347.558


 89, 17.787,
347.558

 49, 17.787,
347.558

 99, 17.787,
347.558

 39, 17.787,
347.558

 29, 17.787,
347.558

 19, 17.787,
347.558

 9, 17.787, 347.558

 0, 17.787, 347.558

69, 17.787,
347.558

69, 17.787,
347.558

64, 26.967,
348.654

74, 8.705, 346.577

59, 36.061,
349.908

80, 0.157, 168.410

85, 8.738, 165.033

55, 44.779,
351.381

90, 17.014,
164.299

51, 52.734,
353.155

96, 24.315,
164.282

48, 59.465,
355.346

96, 21.386,
175.978

45, 64.543,
358.103

96, 19.506,
190.537

43, 67.733, 1.597

96, 19.081,
198.245

42, 69.431, 5.838

Harmonies

Complementary

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



69, 17.787, 347.558



76, 17.267, 164.019

Rectangle

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



69, 17.787, 347.558



69, 17.787, 37.558



69, 17.787, 167.558



69, 17.787, 217.558

Sweetspot

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



69, 17.785, 347.561



96, 6.537, 346.217



68, 22.852, 311.112



51, 4.340, 346.282



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 17.785, 347.561



84, 26.698, 348.042



69, 14.952, 23.439



39, 5.071, 346.536



35, 60.478, 5.212



4, 17.507, 355.305

Inverse Universe

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



69, 17.785, 347.561



84, 26.698, 348.042



76, 13.109, 201.523



39, 5.071, 346.536



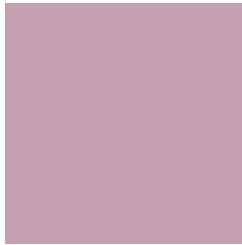
35, 60.478, 5.212



4, 17.507, 355.305

Previews

White Background



This preview shows how the CIELCh color 69, 17.787, 347.558 looks on a white background.

Color Contrast Check

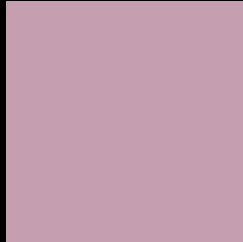
Large Text (above 18pt) WCAG AA × Fail

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 69, 17.787, 347.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

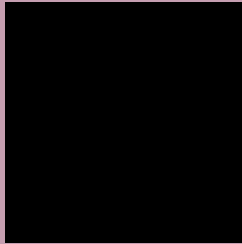
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 17.787, 347.558

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.787, 347.558.



This preview shows how white text looks on a background with the CIELCh color 69, 17.787, 347.558.

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
69, 17.787, 347.558

Protanopia
69, 7.691, 290.957

Deuteranopia
69, 9.116, 338.812



Tritanopia
69, 15.644, 356.159

Trichromacy



Original Color
69, 17.787, 347.558

Protanomaly
69, 10.267, 321.399

Deuteranomaly
69, 11.872, 343.664

Tritanomaly
69, 16.081, 352.571

Monochromacy



Original Color
69, 17.787, 347.558

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 6.565, 344.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.787, 347.558 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(197, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 176)  
}
```

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(197, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.787, 347.558 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(197, 158, 176) }
```

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

```
.border{ border-color:rgb(197, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.787, 347.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 176) }
```

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

```
.background{ background-color: rgb(197,  
158, 176) }
```

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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