

Converting Colors

CIELCh(69, 18.878, 346.981)

Have a look what the booklet for
CIELCh(69, 18.878, 346.981)
contains.

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Color

CIELCh(69, 19.003, 346.140)

Conversions

Conversions Part 1

Format	Color
Hex	C69DB1
RGB	198, 157, 177
RGB Percent	78%, 62%, 69%
CMY	0.2231, 0.3839, 0.3055
CMYK	0.00, 0.21, 0.11, 0.22
HSL	331°, 26%, 70%
HSV	331°, 21%, 78%
XYZ	43.3343, 39.3444, 46.9566
YIQ	171.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

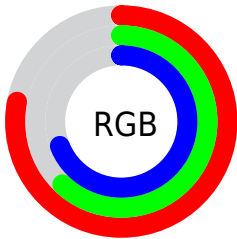
Format	Color
RYB	198, 157, 177
Decimal	13016497
CIELab	69.00, 18.45, -4.55
CIELCh	69, 19.003, 346.140
Yxy	39.3444, 0.3343, 0.3035
Android (android.graphics.Color)	4291206577 (0xFFC69DB1)
YUV	171.5390, 2.6923, 23.2063
Hunter-Lab	62.7251, 13.5497, -0.4775

Details

The CIELCh color $69, 19.003, 346.140$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $77, 18.489, 162.498$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.945, 345.753$, and $49, 19.244, 346.771$ is the 20% darker color. If you saturate the color by 10%, you get $64, 28.356, 347.211$, and if you desaturate by 10%, it is $74, 9.716, 345.179$.

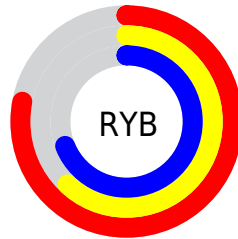
Distribution



Red (78%)

Green (62%)

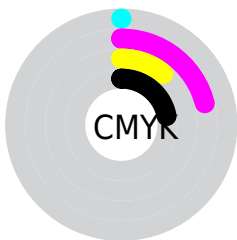
Blue (69%)



Red (78%)

Yellow (62%)

Blue (69%)

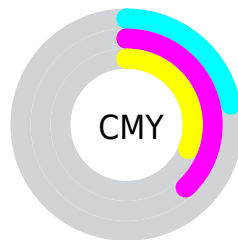


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.003, 346.140 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, 19.003, 346.140 by changing the saturation by 10% instead.

 69, 19.003,
346.140


 69, 19.003,
346.140


 100, 19.003,
346.140


 59, 19.003,
346.140


 89, 19.003,
346.140

 49, 19.003,
346.140

 99, 19.003,
346.140

 39, 19.003,
346.140

 29, 19.003,
346.140

 19, 19.003,
346.140

 9, 19.003, 346.140

 0, 19.003, 346.140

69, 19.003,
346.140

69, 19.003,
346.140

64, 28.356,
347.211

74, 9.716, 345.179

59, 37.576,
348.431

80, 0.630, 343.727

85, 8.187, 163.653

55, 46.354,
349.857

90, 16.704,
162.922

51, 54.285,
351.568

96, 24.253,
162.860

48, 60.895,
353.673

96, 21.329,
173.881

45, 65.749,
356.316

96, 19.336,
187.675

44, 68.625,
359.662

96, 18.679,
198.271

43, 69.938, 3.402

Harmonies

Complementary

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



69, 19.003, 346.140



77, 18.489, 162.498

Rectangle

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



69, 19.003, 346.140



69, 19.003, 36.140



69, 19.003, 166.140



69, 19.003, 216.140

Sweetspot

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



69, 19.001, 346.142



96, 6.652, 344.746



68, 23.881, 310.033



51, 4.416, 344.810



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, 19.001, 346.142



84, 28.273, 346.626



68, 16.270, 20.889



39, 5.159, 345.057



35, 60.623, 2.716



4, 17.740, 353.728

Inverse Universe

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



69, 19.001, 346.142



84, 28.273, 346.626



77, 14.206, 198.366



39, 5.159, 345.057



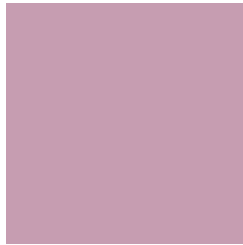
35, 60.623, 2.716



4, 17.740, 353.728

Previews

White Background



This preview shows how the CIELCh color 69, 19.003, 346.140 looks on a white background.

Color Contrast Check

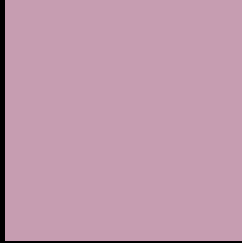
Large Text (above 18pt) WCAG AA × Fail

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, 19.003, 346.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

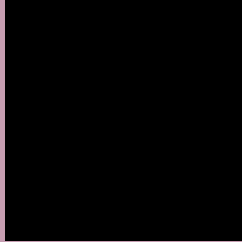
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 19.003, 346.140

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.003, 346.140.



This preview shows how white text looks on a background with the CIELCh color 69, 19.003, 346.140.

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, 19.003, 346.140

Protanopia
69, 8.242, 288.487

Deuteranopia
69, 9.482, 336.322



Tritanopia
69, 16.373, 357.412

Trichromacy



Original Color
69, 19.003, 346.140

Protanomaly
69, 10.740, 319.909

Deuteranomaly
69, 13.132, 341.898

Tritanomaly
69, 17.013, 352.273

Monochromacy



Original Color
69, 19.003, 346.140

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.558, 344.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.003, 346.140 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, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 177)  
}
```

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, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.003, 346.140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

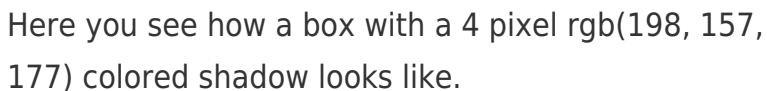
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 157, 177) }
```

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

```
.border{ border-color:rgb(198, 157, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 157, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 157, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 157, 177); box-shadow:4px 4px 4px 4px rgb(198, 157, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.003, 346.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 177) }
```

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

```
.background{ background-color: rgb(198,  
157, 177) }
```

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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