

Converting Colors

CIELCh(80, 32.611, 359.535)

Have a look what the booklet for
CIELCh(80, 32.611, 359.535)
contains.

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Color

CIELCh(80, 32.109, 359.193)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0C8
RGB	255, 176, 200
RGB Percent	100%, 69%, 78%
CMY	0.0000, 0.3086, 0.2145
CMYK	0.00, 0.31, 0.21, 0.00
HSL	342°, 100%, 85%
HSV	342°, 31%, 100%
XYZ	67.4121, 56.6813, 62.2235
YIQ	202.3570, 39.3800, 24.2120

Conversions

Conversions Part 2

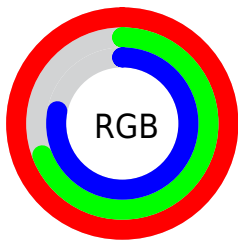
Format	Color
R _Y B	255, 176, 200
Decimal	16756936
CIE Lab	80.00, 32.11, -0.45
CIE LCh	80, 32.109, 359.193
Yxy	56.6813, 0.3618, 0.3042
Android (android.graphics.Color)	4294947016 (0xFFFFB0C8)
YUV	202.3570, -1.1620, 46.1679
Hunter-Lab	75.2870, 28.0769, 3.6986

Details

The CIELCh color **80, 32.109, 359.193** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **95, 29.214, 172.522**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 14.364, 324.919**, and **60, 31.854, 359.613** is the 20% darker color. If you saturate the color by 10%, you get **74, 42.756, 0.674**, and if you desaturate by 10%, it is **86, 21.294, 357.764**.

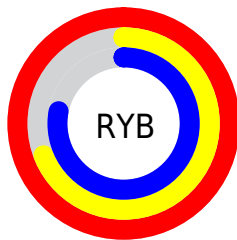
Distribution



Red (100%)

Green (69%)

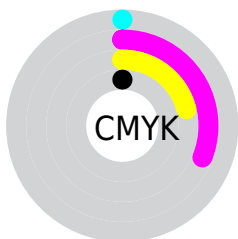
Blue (78%)



Red (100%)

Yellow (69%)

Blue (78%)

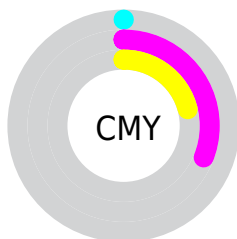


Cyan (0%)

Magenta (31%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 32.109, 359.193 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 80, 32.109, 359.193 by changing the saturation by 10% instead.


 80, 32.109,
359.193


 80, 32.109,
359.193


 100, 32.109,
359.193


 70, 32.109,
359.193


 60, 32.109,
359.193

 50, 32.109,
359.193

 40, 32.109,
359.193

 30, 32.109,
359.193

 20, 32.109,
359.193

 10, 32.109,

359.193

0, 32.109, 359.193

80, 32.109,
359.193

80, 32.109,
359.193

74, 42.756, 0.674

86, 21.294,
357.764

69, 53.274, 2.610

93, 10.876,
356.616

64, 63.104, 5.028

60, 71.746, 8.094

99, 0.845, 355.018

57, 78.793, 11.986

100, 0.012,
296.813

55, 84.155, 16.822

54, 88.065, 21.900

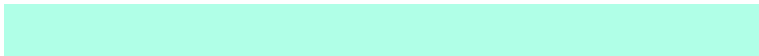
Harmonies

Complementary

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



80, 32.109, 359.193



95, 29.214, 172.522

Rectangle

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



80, 32.109, 359.193



80, 32.109, 49.193



80, 32.109, 179.193



80, 32.109, 229.193

Sweetspot

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



80, 31.989, 359.091



94, 8.982, 356.414



79, 45.729, 316.539



49, 6.260, 356.572



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 31.989, 359.091



76, 38.613, 0.027



83, 26.708, 37.593



50, 5.680, 356.469



40, 70.515, 20.810



10, 31.441, 12.398

Inverse Universe

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



80, 31.989, 359.091



76, 38.613, 0.027



91, 21.449, 218.754



50, 5.680, 356.469



40, 70.515, 20.810



10, 31.441, 12.398

Previews

White Background



This preview shows how the CIELCh color 80, 32.109, 359.193 looks on a white background.

Color Contrast Check

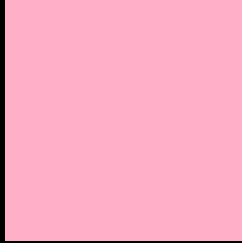
Large Text (above 18pt) WCAG AA × Fail

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 80, 32.109, 359.193 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 80, 32.109, 359.193

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.109, 359.193.

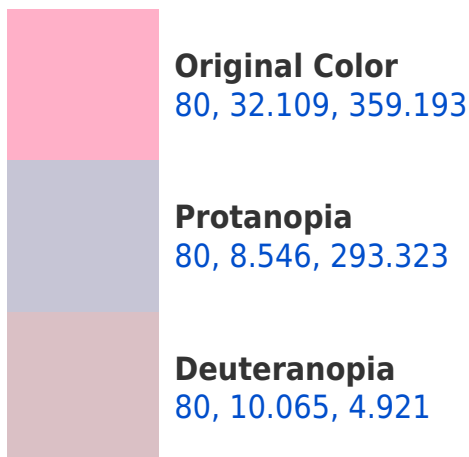


This preview shows how white text looks on a background with the CIELCh color 80, 32.109, 359.193.

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
80, 29.783, 8.818

Trichromacy



Original Color
80, 32.109, 359.193

Protanomaly
80, 14.958, 338.105

Deuteranomaly
80, 18.017, 0.297

Tritanomaly
80, 30.496, 5.129

Monochromacy



Original Color
80, 32.109, 359.193

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 11.775, 356.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 32.109, 359.193 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(255, 176, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 200)  
}
```

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(255, 176, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.109, 359.193 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(255, 176, 200) }
```

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

```
.border{ border-color:rgb(255, 176, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.109, 359.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 200) }
```

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

```
.background{ background-color: rgb(255,  
176, 200) }
```

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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