

Converting Colors

CIELCh(80, 32.359, 355.523)

Have a look what the booklet for
CIELCh(80, 32.359, 355.523)
contains.

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Color

CIELCh(80, 32.448, 355.349)

Conversions

Conversions Part 1

Format	Color
Hex	FEB0CC
RGB	254, 176, 204
RGB Percent	100%, 69%, 80%
CMY	0.0026, 0.3086, 0.1988
CMYK	0.00, 0.31, 0.20, 0.00
HSL	338°, 98%, 84%
HSV	338°, 31%, 100%
XYZ	67.5189, 56.6813, 64.7065
YIQ	202.5140, 37.5000, 25.2440

Conversions

Conversions Part 2

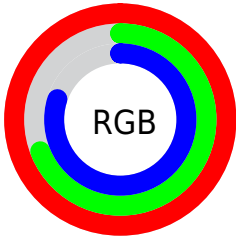
Format	Color
R _Y B	254, 176, 204
Decimal	16691404
CIE Lab	80.00, 32.34, -2.63
CIE LCh	80, 32.448, 355.349
Yxy	56.6813, 0.3574, 0.3000
Android (android.graphics.Color)	4294881484 (0xFFFEB0CC)
YUV	202.5140, 0.7326, 45.1532
Hunter-Lab	75.2870, 28.3301, 1.7432

Details

The CIELCh color **80, 32.448, 355.349** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 30.163, 168.942**, 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, 32.173, 355.470** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.275, 356.846**, and if you desaturate by 10%, it is **86, 21.605, 354.084**.

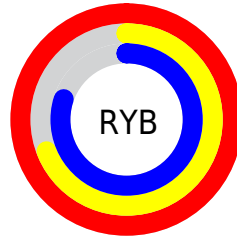
Distribution



Red (100%)

Green (69%)

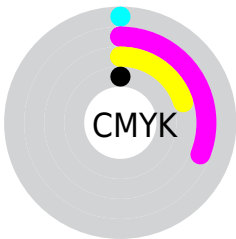
Blue (80%)



Red (100%)

Yellow (69%)

Blue (80%)

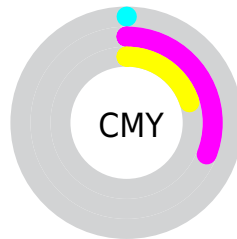


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 32.448, 355.349 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, 32.448, 355.349 by changing the saturation by 10% instead.


 80, 32.448,
355.349


 80, 32.448,
355.349


 100, 32.448,
355.349


 70, 32.448,
355.349

 60, 32.448,
355.349

 50, 32.448,
355.349

 40, 32.448,
355.349

 30, 32.448,
355.349

 20, 32.448,
355.349

 10, 32.448,

355.349

0, 32.448, 355.349

80, 32.448,
355.349

80, 32.448,
355.349

74, 43.275,
356.846

86, 21.605,
354.084

69, 53.753,
358.655

93, 10.977,
352.975

64, 63.413, 0.895

99, 0.688, 351.279

60, 71.724, 3.722

100, 0.230,
202.269

57, 78.235, 7.322

55, 82.815, 11.850

■ 54, 85.848, 16.829

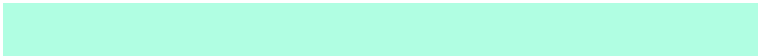
Harmonies

Complementary

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



80, 32.448, 355.349



94, 30.163, 168.942

Rectangle

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



80, 32.448, 355.349



80, 32.448, 45.349



80, 32.448, 175.349



80, 32.448, 225.349

Sweetspot

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



80, 32.445, 355.351



94, 9.246, 352.798



79, 44.923, 314.931



49, 6.441, 352.952



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, 32.445, 355.351



76, 39.398, 356.266



82, 27.415, 32.870



50, 5.846, 352.851



40, 69.029, 15.777



10, 31.296, 8.275

Inverse Universe

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



80, 32.445, 355.351



76, 39.398, 356.266



92, 21.968, 212.398



50, 5.846, 352.851



40, 69.029, 15.777



10, 31.296, 8.275

Previews

White Background



This preview shows how the CIELCh color 80, 32.448, 355.349 looks on a white background.

Color Contrast Check

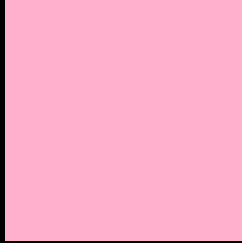
Large Text (above 18pt) WCAG AA × Fail

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, 32.448, 355.349 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, 32.448, 355.349

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.448, 355.349.



This preview shows how white text looks on a background with the CIELCh color 80, 32.448, 355.349.

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
80, 32.448, 355.349

Protanopia
80, 10.664, 291.132

Deuteranopia
80, 9.865, 354.696



Tritanopia
80, 29.471, 7.591

Trichromacy



Original Color
80, 32.448, 355.349

Protanomaly
80, 16.199, 331.588

Deuteranomaly
80, 18.196, 355.078

Tritanomaly
80, 30.343, 2.927

Monochromacy



Original Color
80, 32.448, 355.349

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 11.985, 354.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 32.448, 355.349 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(254, 176, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 176, 204)  
}
```

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(254, 176, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 176, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.448, 355.349 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(254, 176, 204) }
```

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

```
.border{ border-color:rgb(254, 176, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 176, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 176, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 176, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 176,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.448, 355.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 176, 204) }
```

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

```
.background{ background-color: rgb(254,  
176, 204) }
```

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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