

Converting Colors

CIELCh(79, 30.106, 348.876)

Have a look what the booklet for
CIELCh(79, 30.106, 348.876)
contains.

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Color

CIELCh(79, 30.206, 349.243)

Conversions

Conversions Part 1

Format	Color
Hex	F5B0CF
RGB	245, 176, 207
RGB Percent	96%, 69%, 81%
CMY	0.0395, 0.3100, 0.1885
CMYK	0.00, 0.28, 0.16, 0.04
HSL	333°, 77%, 83%
HSV	333°, 28%, 96%
XYZ	64.4007, 54.9284, 66.1984
YIQ	200.1650, 31.1730, 24.2690

Conversions

Conversions Part 2

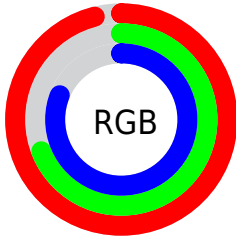
Format	Color
R _Y B	245, 176, 207
Decimal	16101583
CIE Lab	79.00, 29.68, -5.64
CIE LCh	79, 30.206, 349.243
Yxy	54.9284, 0.3471, 0.2961
Android (android.graphics.Color)	4294291663 (0xFFFF5B0CF)
YUV	200.1650, 3.3697, 39.3203
Hunter-Lab	74.1137, 25.4077, -1.0783

Details

The CIELCh color $79, 30.206, 349.243$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $91, 28.876, 163.792$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.364, 324.919$, and $59, 30.182, 349.214$ is the 20% darker color. If you saturate the color by 10%, you get $73, 41.042, 350.516$, and if you desaturate by 10%, it is $85, 19.306, 348.138$.

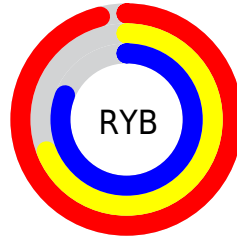
Distribution



Red (96%)

Green (69%)

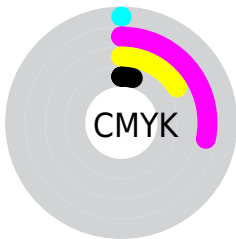
Blue (81%)



Red (96%)

Yellow (69%)

Blue (81%)

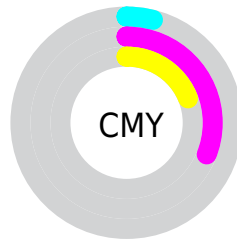


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 30.206, 349.243 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 79, 30.206, 349.243 by changing the saturation by 10% instead.


 79, 30.206,
349.243

 79, 30.206,
349.243


 100, 30.206,
349.243


 69, 30.206,
349.243


 99, 30.206,
349.243

 59, 30.206,
349.243

 49, 30.206,
349.243

 39, 30.206,
349.243

 29, 30.206,
349.243

 19, 30.206,
349.243

 9, 30.206, 349.243

0, 30.206, 349.243

79, 30.206,
349.243

79, 30.206,
349.243

73, 41.042,
350.516

85, 19.306,
348.138

68, 51.489,
352.012

91, 8.569, 347.138

63, 61.087,
353.820

98, 1.883, 166.592

99, 3.479, 199.375

59, 69.282,
356.059

56, 75.543,
358.888

54, 79.569, 2.485

■ 53, 81.593, 6.961

■ 52, 81.907, 7.826

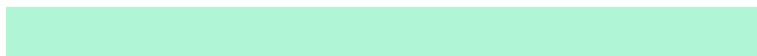
Harmonies

Complementary

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



79, 30.206, 349.243



91, 28.876, 163.792

Rectangle

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



79, 30.206, 349.243



79, 30.206, 39.243



79, 30.206, 169.243



79, 30.206, 219.243

Sweetspot

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



79, 30.203, 349.245



95, 8.670, 347.123



77, 39.321, 312.096



50, 6.174, 347.271



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 30.203, 349.245



78, 37.764, 349.972



79, 25.886, 25.543



48, 5.971, 347.267



40, 66.644, 6.911



9, 29.870, 359.944

Inverse Universe

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



79, 30.203, 349.245



78, 37.764, 349.972



91, 21.237, 202.940



48, 5.971, 347.267



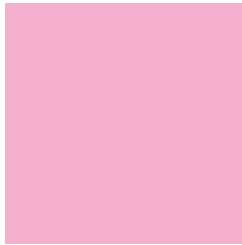
40, 66.644, 6.911



9, 29.870, 359.944

Previews

White Background



This preview shows how the CIELCh color 79, 30.206, 349.243 looks on a white background.

Color Contrast Check

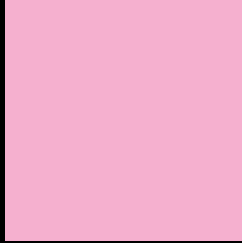
Large Text (above 18pt) WCAG AA × Fail

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 79, 30.206, 349.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

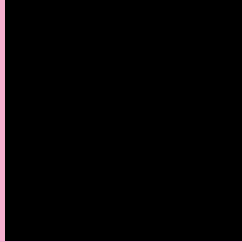
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 30.206, 349.243

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.206, 349.243.



This preview shows how white text looks on a background with the CIELCh color 79, 30.206, 349.243.

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
79, 25.736, 5.010

Trichromacy



Original Color
79, 30.206, 349.243



Protanomaly
79, 16.423, 322.949



Deuteranomaly
79, 17.600, 343.680

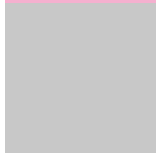


Tritanomaly
79, 27.268, 359.063

Monochromacy



Original Color
79, 30.206, 349.243



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 11.234, 345.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.206, 349.243 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(245, 176, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 176, 207)  
}
```

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(245, 176, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 176, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.206, 349.243 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(245, 176, 207) }
```

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

```
.border{ border-color:rgb(245, 176, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 176, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 176, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 176, 207); box-shadow:4px 4px 4px 4px rgb(245, 176, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.206, 349.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 176, 207) }
```

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

```
.background{ background-color: rgb(245,  
176, 207) }
```

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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