

Converting Colors

CIELCh(78, 30.233, 359.424)

Have a look what the booklet for
CIELCh(78, 30.233, 359.424)
contains.

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Color

CIELCh(78, 30.171, 359.515)

Conversions

Conversions Part 1

Format	Color
Hex	F6ACC2
RGB	246, 172, 194
RGB Percent	96%, 67%, 76%
CMY	0.0338, 0.3241, 0.2378
CMYK	0.00, 0.30, 0.21, 0.03
HSL	342°, 81%, 82%
HSV	342°, 30%, 97%
XYZ	62.7366, 53.2120, 58.2132
YIQ	196.6340, 37.0420, 22.5300

Conversions

Conversions Part 2

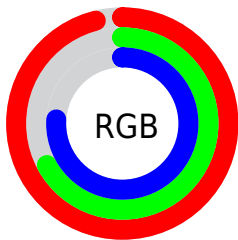
Format	Color
R _Y B	246, 172, 194
Decimal	16166082
CIE Lab	78.00, 30.17, -0.26
CIE LCh	78, 30.171, 359.515
Yxy	53.2120, 0.3602, 0.3055
Android (android.graphics.Color)	4294356162 (0xFFF6ACC2)
YUV	196.6340, -1.2986, 43.2940
Hunter-Lab	72.9466, 25.8598, 3.7477

Details

The CIELCh color **78, 30.171, 359.515** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 27.553, 173.165**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 14.846, 330.649**, and **58, 29.871, 359.919** is the 20% darker color. If you saturate the color by 10%, you get **72, 40.636, 1.082**, and if you desaturate by 10%, it is **84, 19.805, 358.206**.

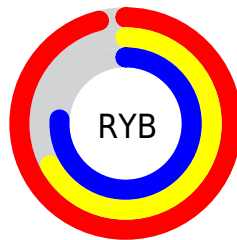
Distribution



Red (96%)

Green (67%)

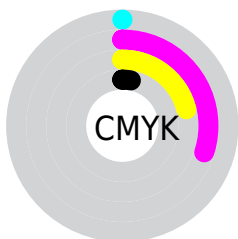
Blue (76%)



Red (96%)

Yellow (67%)

Blue (76%)

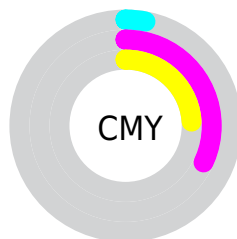


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (3%)



Cyan (3%)


Magenta (32%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 30.171, 359.515 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 78, 30.171, 359.515 by changing the saturation by 10% instead.


 78, 30.171,
359.515


 78, 30.171,
359.515


 100, 30.171,
359.515


 68, 30.171,
359.515


 98, 30.171,
359.515

 58, 30.171,
359.515

 48, 30.171,
359.515

 38, 30.171,
359.515

 28, 30.171,
359.515

 18, 30.171,
359.515

 8, 30.171, 359.515

0, 30.171, 359.515

78, 30.171,
359.515

78, 30.171,
359.515

72, 40.636, 1.082

84, 19.805,
358.206

67, 50.910, 2.993

90, 9.731, 357.066

62, 60.580, 5.378

97, 0.048, 344.425

58, 69.166, 8.399

99, 2.983, 199.438

55, 76.262, 12.232

53, 81.744, 16.999

52, 86.091, 22.492

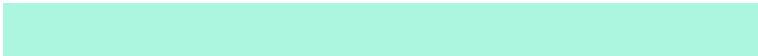
Harmonies

Complementary

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



78, 30.171, 359.515



92, 27.553, 173.165

Rectangle

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



78, 30.171, 359.515



78, 30.171, 49.515



78, 30.171, 179.515



78, 30.171, 229.515

Sweetspot

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



78, 30.168, 359.518



94, 8.947, 356.955



77, 43.428, 317.030



49, 6.236, 357.113



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 30.168, 359.518



77, 37.438, 0.424



81, 24.940, 39.224



48, 5.471, 357.005



39, 69.326, 21.398



9, 29.684, 11.394

Inverse Universe

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



78, 30.168, 359.518



77, 37.438, 0.424



88, 20.218, 220.891



48, 5.471, 357.005



39, 69.326, 21.398



9, 29.684, 11.394

Previews

White Background



This preview shows how the CIELCh color 78, 30.171, 359.515 looks on a white background.

Color Contrast Check

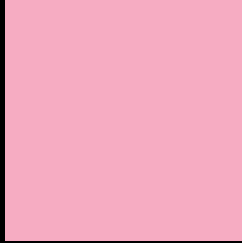
Large Text (above 18pt) WCAG AA × Fail

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 78, 30.171, 359.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

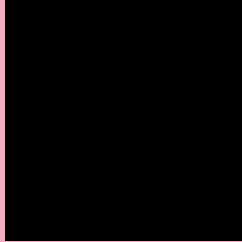
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 30.171, 359.515

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.171, 359.515.



This preview shows how white text looks on a background with the CIELCh color 78, 30.171, 359.515.

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
78, 30.171, 359.515

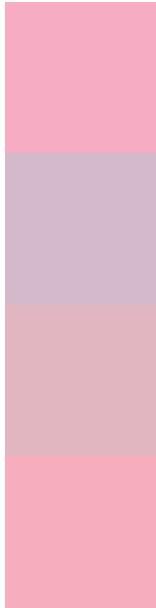
Protanopia
78, 7.517, 293.594

Deuteranopia
78, 9.750, 4.321



Tritanopia
78, 28.385, 7.993

Trichromacy



Original Color
78, 30.171, 359.515

Protanomaly
78, 13.499, 338.195

Deuteranomaly
78, 17.215, 1.032

Tritanomaly
78, 29.139, 4.128

Monochromacy



Original Color
78, 30.171, 359.515

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.943, 357.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.171, 359.515 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(246, 172, 194)` looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 194)  
}
```

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(246, 172, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.171, 359.515 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(246, 172, 194) }
```

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

```
.border{ border-color:rgb(246, 172, 194) }
```

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

Here you see how a box with a 4 pixel rgb(246, 172, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 172, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 172, 194);  
box-shadow:4px 4px 4px 4px rgb(246, 172,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.171, 359.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 194) }
```

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

```
.background{ background-color: rgb(246,  
172, 194) }
```

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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