

Converting Colors

CIELCh(80, 30.059, 7.618)

Have a look what the booklet for
CIELCh(80, 30.059, 7.618) contains.

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Color

CIELCh(80, 29.848, 7.819)

Conversions

Conversions Part 1

Format	Color
Hex	FEB2C0
RGB	254, 178, 192
RGB Percent	100%, 70%, 75%
CMY	0.0042, 0.3022, 0.2473
CMYK	0.00, 0.30, 0.24, 0.00
HSL	349°, 97%, 85%
HSV	349°, 30%, 100%
XYZ	66.2687, 56.6813, 57.2845
YIQ	202.3200, 40.8020, 20.4660

Conversions

Conversions Part 2

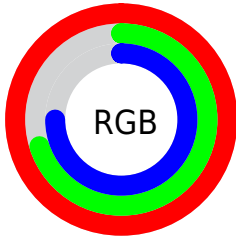
Format	Color
R_{YB}	254, 178, 192
Decimal	16691904
CIE _{Lab}	80.00, 29.57, 4.06
CIE _{LCh}	80, 29.848, 7.819
Yxy	56.6813, 0.3677, 0.3145
Android (android.graphics.Color)	4294881984 (0xFFFE _{B2C0})
YUV	202.3200, -5.0878, 45.3234
Hunter-Lab	75.2870, 25.3661, 7.5882

Details

The CIELCh color **80, 29.848, 7.819** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 26.149, 181.709**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 10.371, 336.210**, and **60, 29.684, 7.741** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.608, 9.466**, and if you desaturate by 10%, it is **86, 19.397, 6.477**.

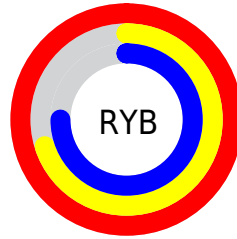
Distribution



Red (100%)

Green (70%)

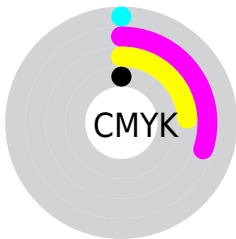
Blue (75%)



Red (100%)

Yellow (70%)

Blue (75%)

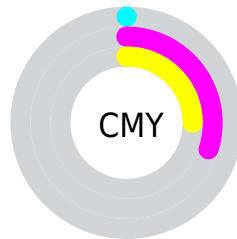


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 29.848, 7.819 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, 29.848, 7.819 by changing the saturation by 10% instead.

 80, 29.848, 7.819

 80, 29.848, 7.819

 100, 29.848, 7.819

 70, 29.848, 7.819

 60, 29.848, 7.819

 50, 29.848, 7.819

 40, 29.848, 7.819

 30, 29.848, 7.819

 20, 29.848, 7.819

 10, 29.848, 7.819

 0, 29.848, 7.819

 80, 29.848, 7.819

 80, 29.848, 7.819

74, 40.608, 9.466

86, 19.397, 6.477

68, 51.436, 11.516

93, 9.406, 5.334

63, 61.972, 14.109

100, 0.066,
193.861

59, 71.794, 17.403

100, 0.368,
201.184

56, 80.541, 21.523

54, 88.067, 26.444

53, 94.562, 31.703

53, 94.611, 31.740

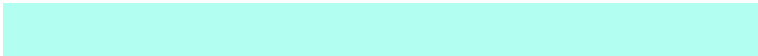
Harmonies

Complementary

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



80, 29.848, 7.819



95, 26.149, 181.709

Rectangle

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



80, 29.848, 7.819



80, 29.848, 57.819



80, 29.848, 187.819



80, 29.848, 237.819

Sweetspot

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



80, 29.845, 7.823



94, 8.537, 5.234



80, 45.306, 320.148



49, 5.956, 5.392



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, 29.845, 7.823



77, 36.483, 8.781



85, 24.365, 49.762



50, 5.400, 5.289



40, 75.734, 30.757



10, 32.078, 19.505

Inverse Universe

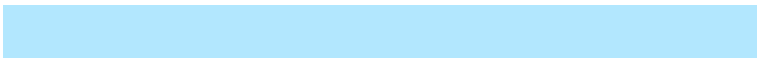
The Inverse Universe completely reimagines the original color for something new.



80, 29.845, 7.823



77, 36.483, 8.781



89, 20.298, 234.568



50, 5.400, 5.289



40, 75.734, 30.757



10, 32.078, 19.505

Previews

White Background



This preview shows how the CIELCh color 80, 29.848, 7.819 looks on a white background.

Color Contrast Check

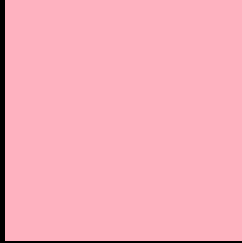
Large Text (above 18pt) WCAG AA × Fail

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, 29.848, 7.819 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, 29.848, 7.819

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.848, 7.819.



This preview shows how white text looks on a background with the CIELCh color 80, 29.848, 7.819.

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](#).

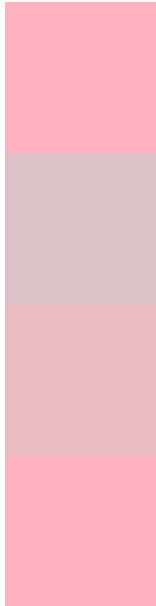
Dichromacy





Tritanopia
80, 29.848, 7.819

Trichromacy



Original Color
80, 29.848, 7.819

Protanomaly
80, 11.609, 358.905

Deuteranomaly
80, 17.611, 15.689

Tritanomaly
80, 29.848, 7.819

Monochromacy



Original Color
80, 29.848, 7.819

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 10.788, 6.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.848, 7.819 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, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 178, 192)  
}
```

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, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 178, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.848, 7.819 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, 178, 192) }
```

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

```
.border{ border-color:rgb(254, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 178,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.848, 7.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 178, 192) }
```

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

```
.background{ background-color: rgb(254,  
178, 192) }
```

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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