

Converting Colors

CIELCh(83, 42.059, 18.004)

Have a look what the booklet for
CIELCh(83, 42.059, 18.004) contains.

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Color

CIELCh(80, 30.424, 15.156)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2B9
RGB	255, 178, 185
RGB Percent	100%, 70%, 73%
CMY	0.0000, 0.3027, 0.2753
CMYK	0.00, 0.30, 0.28, 0.00
HSL	355°, 100%, 85%
HSV	355°, 30%, 100%
XYZ	66.1770, 56.6813, 53.2393
YIQ	201.8210, 43.6450, 18.5010

Conversions

Conversions Part 2

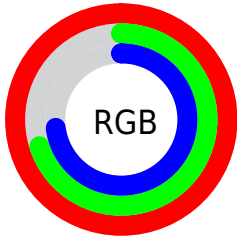
Format	Color
RYB	255, 178, 185
Decimal	16757433
CIELab	80.00, 29.37, 7.95
CIELCh	80, 30.424, 15.156
Yxy	56.6813, 0.3758, 0.3219
Android (android.graphics.Color)	4294947513 (0xFFFFB2B9)
YUV	201.8210, -8.2928, 46.6380
Hunter-Lab	75.2870, 25.1486, 10.7739

Details

The CIELCh color **80, 30.424, 15.156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 25.308, 189.622**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 8.330, 354.403**, and **60, 29.931, 15.411** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.140, 16.653**, and if you desaturate by 10%, it is **86, 19.521, 13.768**.

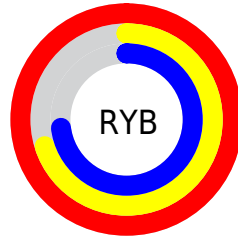
Distribution



Red (100%)

Green (70%)

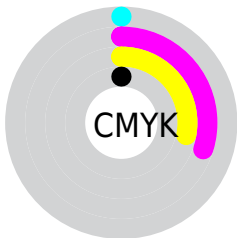
Blue (73%)



Red (100%)

Yellow (70%)

Blue (73%)

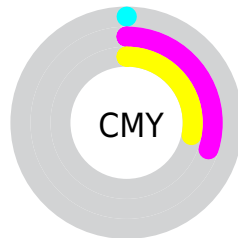


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.424, 15.156 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, 30.424, 15.156 by changing the saturation by 10% instead.

 80, 30.424, 15.156

 80, 30.424, 15.156

 100, 30.424,
15.156

 70, 30.424, 15.156

 60, 30.424, 15.156

 50, 30.424, 15.156

 40, 30.424, 15.156

 30, 30.424, 15.156

 20, 30.424, 15.156

 10, 30.424, 15.156

 0, 30.424, 15.156

 80, 30.424, 15.156

 80, 30.424, 15.156

74, 41.140, 16.653

86, 19.521, 13.768

68, 52.497, 18.696

93, 9.566, 12.712

63, 63.835, 21.310

100, 0.247, 9.331

59, 74.766, 24.618

100, 0.012,
296.813

56, 84.901, 28.648

54, 93.834, 33.149

53, 100.722,
37.138

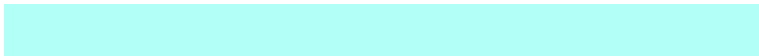
Harmonies

Complementary

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



80, 30.424, 15.156



95, 25.308, 189.622

Rectangle

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



80, 30.424, 15.156



80, 30.424, 65.156



80, 30.424, 195.156



80, 30.424, 245.156

Sweetspot

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



80, 30.080, 15.048



94, 8.346, 12.587



81, 47.096, 323.185



49, 5.828, 12.730



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, 30.080, 15.048



76, 36.365, 15.921



87, 24.577, 60.820



50, 5.281, 12.636



40, 80.419, 36.419



10, 32.667, 23.507

Inverse Universe

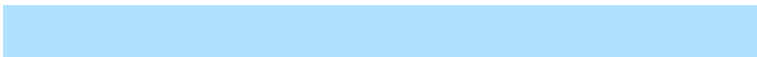
The Inverse Universe completely reimagines the original color for something new.



80, 30.080, 15.048



76, 36.365, 15.921



87, 21.392, 248.157



50, 5.281, 12.636



40, 80.419, 36.419



10, 32.667, 23.507

Previews

White Background



This preview shows how the CIELCh color 80, 30.424, 15.156 looks on a white background.

Color Contrast Check

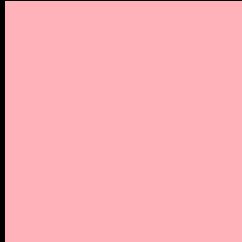
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 30.424, 15.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

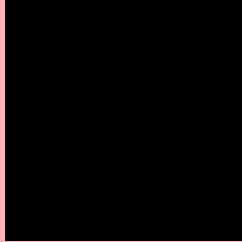
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 30.424, 15.156

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.424, 15.156.

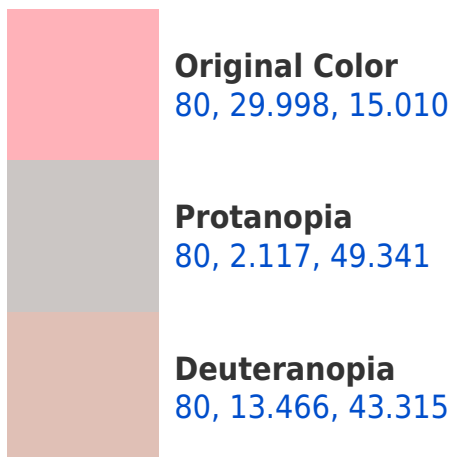


This preview shows how white text looks on a background with the CIELCh color 80, 30.424, 15.156.

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](#).

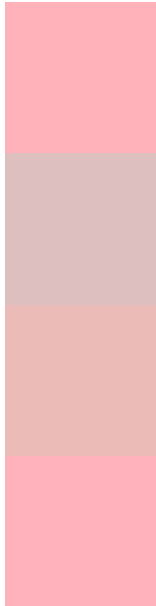
Dichromacy





Tritanopia
80, 30.573, 9.252

Trichromacy



Original Color
80, 29.998, 15.010

Protanomaly
80, 11.722, 17.722

Deuteranomaly
80, 18.731, 27.307

Tritanomaly
80, 30.484, 11.212

Monochromacy



Original Color
80, 29.998, 15.010

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.614, 11.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.424, 15.156 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, 178, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 185)  
}
```

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, 178, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.424, 15.156 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, 178, 185) }
```

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

```
.border{ border-color:rgb(255, 178, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.424, 15.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 185) }
```

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

```
.background{ background-color: rgb(255,  
178, 185) }
```

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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