

Converting Colors

CIELCh(80, 30.403, 19.506)

Have a look what the booklet for
CIELCh(80, 30.403, 19.506) contains.

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Color

CIELCh(80, 30.087, 19.004)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2B5
RGB	255, 178, 181
RGB Percent	100%, 70%, 71%
CMY	0.0000, 0.3005, 0.2887
CMYK	0.00, 0.30, 0.29, 0.00
HSL	358°, 100%, 85%
HSV	358°, 30%, 100%
XYZ	65.7663, 56.6813, 51.3928
YIQ	201.3650, 44.9290, 17.2570

Conversions

Conversions Part 2

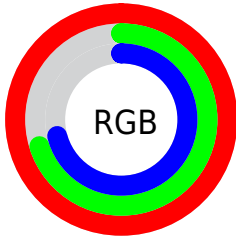
Format	Color
R _Y B	255, 178, 181
Decimal	16757429
CIE Lab	80.00, 28.45, 9.80
CIE LCh	80, 30.087, 19.004
Yxy	56.6813, 0.3783, 0.3261
Android (android.graphics.Color)	4294947509 (0xFFFFB2B5)
YUV	201.3650, -10.0399, 47.0379
Hunter-Lab	75.2870, 24.1749, 12.2280

Details

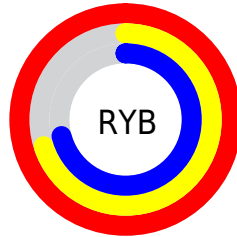
The CIELCh color **80, 30.087, 19.004** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 24.683, 194.288**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 7.701, 8.356**, and **60, 30.094, 19.635** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.189, 20.493**, and if you desaturate by 10%, it is **86, 19.266, 17.791**.

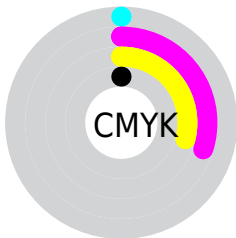
Distribution



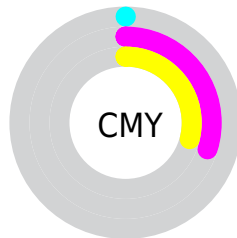
- Red (100%)
- Green (70%)
- Blue (71%)



- Red (100%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.087, 19.004 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, 30.087, 19.004 by changing the saturation by 10% instead.

 80, 30.087, 19.004

 80, 30.087, 19.004

 100, 30.087,
19.004

 70, 30.087, 19.004

 60, 30.087, 19.004

 50, 30.087, 19.004

 40, 30.087, 19.004

 30, 30.087, 19.004

 20, 30.087, 19.004

 10, 30.087, 19.004

 0, 30.087, 19.004

 80, 30.087, 19.004

 80, 30.087, 19.004

74, 41.189, 20.493

86, 19.266, 17.791

68, 52.894, 22.451

93, 9.303, 16.832

63, 64.744, 24.974

100, 0.044, 1.033

59, 76.347, 28.157

100, 0.012,
296.813

56, 87.233, 31.953

54, 96.656, 35.940

53, 103.082,
38.943

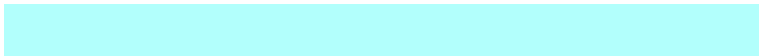
Harmonies

Complementary

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



80, 30.087, 19.004



95, 24.683, 194.288

Rectangle

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



80, 30.087, 19.004



80, 30.087, 69.004



80, 30.087, 199.004



80, 30.087, 249.004

Sweetspot

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



80, 29.921, 18.977



94, 8.303, 16.738



82, 47.341, 324.643



49, 5.801, 16.868



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, 29.921, 18.977



76, 36.566, 19.833



88, 24.635, 66.331



49, 5.255, 16.783



40, 82.545, 38.503



10, 33.049, 25.613

Inverse Universe

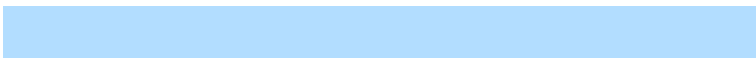
The Inverse Universe completely reimagines the original color for something new.



80, 29.921, 18.977



76, 36.566, 19.833



86, 22.048, 254.395



49, 5.255, 16.783



40, 82.545, 38.503



10, 33.049, 25.613

Previews

White Background



This preview shows how the CIELCh color 80, 30.087, 19.004 looks on a white background.

Color Contrast Check

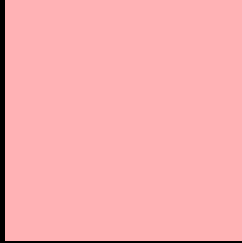
Large Text (above 18pt) WCAG AA × Fail

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, 30.087, 19.004 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, 30.087, 19.004

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.087, 19.004.

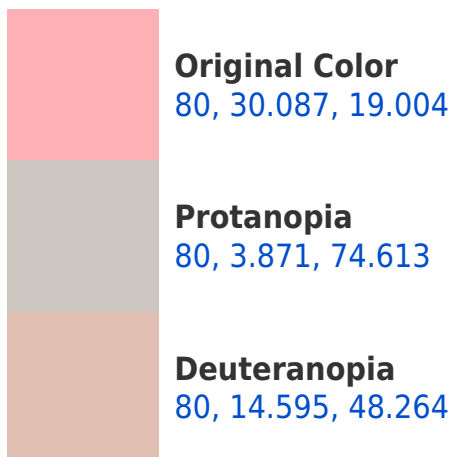


This preview shows how white text looks on a background with the CIELCh color 80, 30.087, 19.004.

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](#).

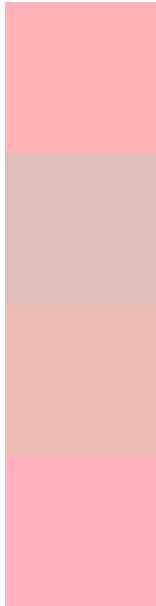
Dichromacy





Tritanopia
80, 30.632, 8.277

Trichromacy



Original Color
80, 30.087, 19.004

Protanomaly
80, 12.301, 27.712

Deuteranomaly
80, 19.499, 31.747

Tritanomaly
80, 30.036, 12.011

Monochromacy



Original Color
80, 30.087, 19.004

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.566, 14.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.087, 19.004 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.087, 19.004 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, 181) }
```

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

```
.border{ border-color:rgb(255, 178, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.087, 19.004 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
178, 181) }
```

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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