

Converting Colors

CIELCh(82, 36.442, 28.207)

Have a look what the booklet for
CIELCh(82, 36.442, 28.207) contains.

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Color

CIELCh(80, 30.102, 28.800)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4AD
RGB	255, 180, 173
RGB Percent	100%, 71%, 68%
CMY	0.0016, 0.2955, 0.3230
CMYK	0.00, 0.29, 0.32, 0.00
HSL	5°, 99%, 84%
HSV	5°, 32%, 100%
XYZ	64.8477, 56.6813, 46.8743
YIQ	201.6270, 46.9470, 13.7230

Conversions

Conversions Part 2

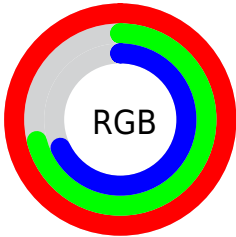
Format	Color
R _Y B	255, 181, 173
Decimal	16757933
CIE Lab	80.00, 26.38, 14.50
CIE LCh	80, 30.102, 28.800
Yxy	56.6813, 0.3851, 0.3366
Android (android.graphics.Color)	4294948013 (0xFFFFB4AD)
YUV	201.6270, -14.1131, 46.8081
Hunter-Lab	75.2870, 21.9971, 15.7865

Details

The CIELCh color **80, 30.102, 28.800** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 23.835, 206.755**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 8.029, 50.350**, and **60, 30.136, 28.846** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.037, 29.822**, and if you desaturate by 10%, it is **86, 19.913, 28.062**.

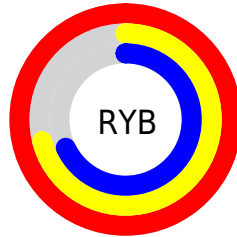
Distribution



Red (100%)

Green (71%)

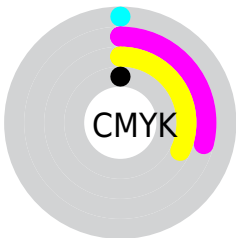
Blue (68%)



Red (100%)

Yellow (71%)

Blue (68%)

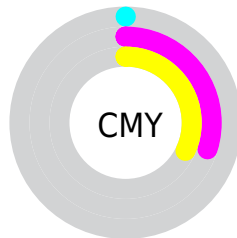


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.102, 28.800 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, 30.102, 28.800 by changing the saturation by 10% instead.

 80, 30.102, 28.800

 80, 30.102, 28.800

 100, 30.102,
28.800

 70, 30.102, 28.800

 60, 30.102, 28.800

 50, 30.102, 28.800

 40, 30.102, 28.800

 30, 30.102, 28.800

 20, 30.102, 28.800

 10, 30.102, 28.800

 0, 30.102, 28.800

 80, 30.102, 28.800

 80, 30.102, 28.800

74, 41.037, 29.822

86, 19.913, 28.062

69, 52.636, 31.188

92, 10.494, 27.513

64, 64.703, 32.970

98, 1.810, 26.850

60, 76.891, 35.175

100, 0.138,
204.188

57, 88.546, 37.633

55, 98.246, 39.743

54, 103.249,
40.719

Harmonies

Complementary

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



80, 30.102, 28.800



93, 23.835, 206.755

Rectangle

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



80, 30.102, 28.800



80, 30.102, 78.800



80, 30.102, 208.800



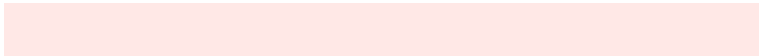
80, 30.102, 258.800

Sweetspot

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



80, 30.100, 28.805



94, 8.540, 27.408



81, 48.465, 328.638



49, 5.860, 27.475



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, 30.100, 28.805



76, 37.516, 29.463



90, 28.338, 79.606



50, 4.845, 27.384



40, 82.990, 40.925



11, 31.735, 31.357

Inverse Universe

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



93, 23.835, 206.755



92, 28.042, 206.811



82, 27.082, 269.169



52, 4.553, 207.018



65, 36.381, 211.340



22, 16.901, 209.355

Previews

White Background



This preview shows how the CIELCh color 80, 30.102, 28.800 looks on a white background.

Color Contrast Check

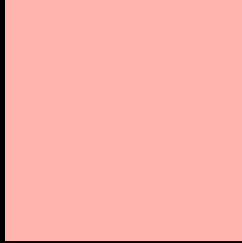
Large Text (above 18pt) WCAG AA × Fail

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, 30.102, 28.800 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, 30.102, 28.800

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.102, 28.800.

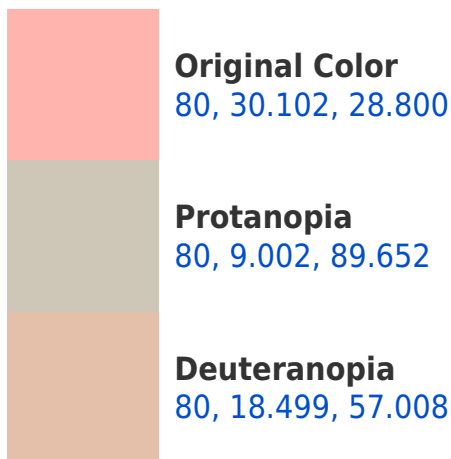


This preview shows how white text looks on a background with the CIELCh color 80, 30.102, 28.800.

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, 30.162, 9.029

Trichromacy



Original Color
80, 30.102, 28.800

Protanomaly
80, 14.342, 46.473

Deuteranomaly
80, 22.076, 43.221

Tritanomaly
80, 29.594, 16.890

Monochromacy



Original Color
80, 30.102, 28.800

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.264, 26.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.102, 28.800 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, 180, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 173)  
}
```

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, 180, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.102, 28.800 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, 180, 173) }
```

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

```
.border{ border-color:rgb(255, 180, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.102, 28.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 173) }
```

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

```
.background{ background-color: rgb(255,  
180, 173) }
```

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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