

Converting Colors

CIELCh(81, 30.119, 26.760)

Have a look what the booklet for
CIELCh(81, 30.119, 26.760) contains.

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Color

CIELCh(81, 28.972, 26.913)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B2
RGB	255, 183, 178
RGB Percent	100%, 72%, 70%
CMY	0.0000, 0.2828, 0.3025
CMYK	0.00, 0.28, 0.30, 0.00
HSL	4°, 100%, 85%
HSV	4°, 30%, 100%
XYZ	66.5264, 58.4711, 49.8323
YIQ	203.9580, 44.5170, 13.7090

Conversions

Conversions Part 2

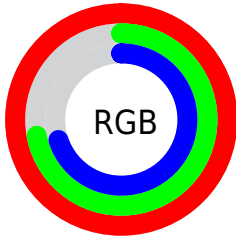
Format	Color
R _Y B	255, 183, 178
Decimal	16758706
CIE Lab	81.00, 25.83, 13.11
CIE LCh	81, 28.972, 26.913
Yxy	58.4711, 0.3805, 0.3344
Android (android.graphics.Color)	4294948786 (0xFFFFB7B2)
YUV	203.9580, -12.7973, 44.7638
Hunter-Lab	76.4664, 21.4804, 14.8878

Details

The CIELCh color **81, 28.972, 26.913** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 23.027, 204.503**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.297, 43.570**, and **61, 28.551, 27.883** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.549, 28.036**, and if you desaturate by 10%, it is **87, 18.369, 26.156**.

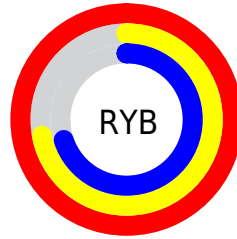
Distribution



Red (100%)

Green (72%)

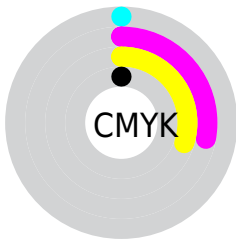
Blue (70%)



Red (100%)

Yellow (72%)

Blue (70%)

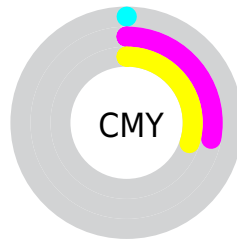


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.972, 26.913 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 81, 28.972, 26.913 by changing the saturation by 10% instead.

81, 28.972, 26.913

81, 28.972, 26.913

100, 28.972,
26.913

71, 28.972, 26.913

61, 28.972, 26.913

51, 28.972, 26.913

41, 28.972, 26.913

31, 28.972, 26.913

21, 28.972, 26.913

11, 28.972, 26.913

1, 28.972, 26.913

0, 28.972, 26.913

81, 28.972, 26.913

81, 28.972, 26.913

75, 39.549, 28.036

87, 18.369, 26.156

70, 51.172, 29.474

93, 8.920, 25.543

65, 63.261, 31.351

100, 0.206, 21.957

61, 75.482, 33.701

100, 0.012,
296.813

57, 87.253, 36.404

55, 97.357, 38.941

54, 103.744,
40.492

Harmonies

Complementary

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



81, 28.972, 26.913



94, 23.027, 204.503

Rectangle

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



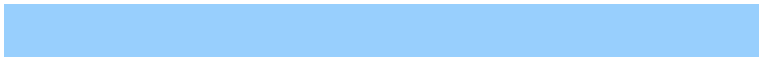
81, 28.972, 26.913



81, 28.972, 76.913



81, 28.972, 206.913



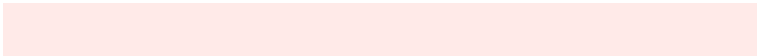
81, 28.972, 256.913

Sweetspot

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



81, 28.584, 26.958



94, 7.795, 25.473



82, 46.684, 327.515



49, 5.449, 25.555



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 28.584, 26.958



77, 34.806, 27.540



90, 25.998, 76.675



50, 4.935, 25.502



40, 83.331, 40.665



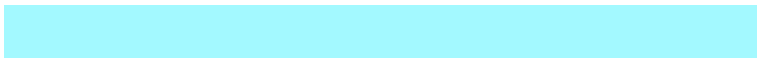
10, 32.094, 30.357

Inverse Universe

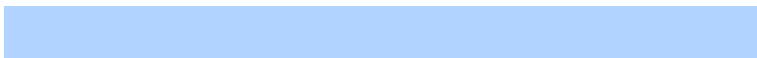
The Inverse Universe completely reimagines the original color for something new.



94, 23.027, 204.503



93, 26.740, 204.459



84, 24.517, 265.533



52, 4.638, 204.977



66, 37.123, 207.454



22, 17.227, 206.012

Previews

White Background



This preview shows how the CIELCh color 81, 28.972, 26.913 looks on a white background.

Color Contrast Check

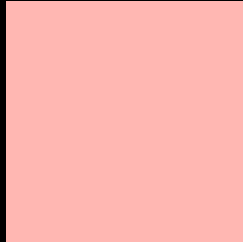
Large Text (above 18pt) WCAG AA × Fail

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 81, 28.972, 26.913 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 81, 28.972, 26.913

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.972, 26.913.

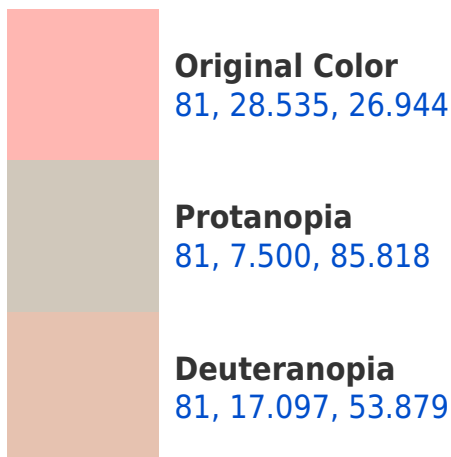



This preview shows how white text looks on a background with the CIELCh color 81, 28.972, 26.913.

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](#).

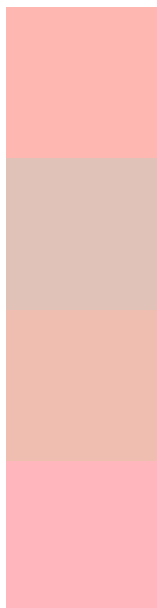
Dichromacy





Tritanopia
81, 28.939, 8.336

Trichromacy



Original Color
81, 28.535, 26.944

Protanomaly
81, 13.073, 43.975

Deuteranomaly
81, 20.532, 40.181

Tritanomaly
81, 28.306, 15.464

Monochromacy



Original Color
81, 28.535, 26.944

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.231, 26.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.972, 26.913 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, 183, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 178)  
}
```

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, 183, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.972, 26.913 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, 183, 178) }
```

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

```
.border{ border-color:rgb(255, 183, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.972, 26.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 178) }
```

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

```
.background{ background-color: rgb(255,  
183, 178) }
```

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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