

Converting Colors

CIELCh(81, 27.949, 7.312)

Have a look what the booklet for
CIELCh(81, 27.949, 7.312) contains.

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Color

CIELCh(81, 28.233, 6.816)

Conversions

Conversions Part 1

Format	Color
Hex	FEB6C4
RGB	254, 182, 196
RGB Percent	100%, 71%, 77%
CMY	0.0042, 0.2865, 0.2316
CMYK	0.00, 0.28, 0.23, 0.00
HSL	348°, 97%, 85%
HSV	348°, 28%, 100%
XYZ	67.5201, 58.4711, 59.9146
YIQ	205.1240, 38.4180, 19.6180

Conversions

Conversions Part 2

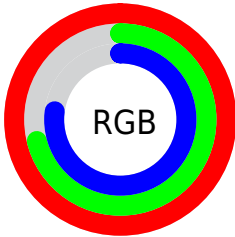
Format	Color
R _Y B	254, 182, 196
Decimal	16692932
CIE Lab	81.00, 28.03, 3.35
CIE LCh	81, 28.233, 6.816
Yxy	58.4711, 0.3632, 0.3145
Android (android.graphics.Color)	4294883012 (0xFFFE6C4)
YUV	205.1240, -4.4981, 42.8643
Hunter-Lab	76.4664, 23.7999, 7.0703

Details

The CIELCh color **81, 28.233, 6.816** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 25.017, 181.048**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.778, 328.170**, and **61, 28.393, 6.839** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.945, 8.409**, and if you desaturate by 10%, it is **87, 17.840, 5.510**.

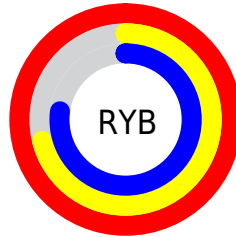
Distribution



Red (100%)

Green (71%)

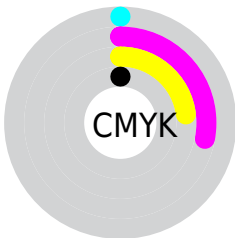
Blue (77%)



Red (100%)

Yellow (71%)

Blue (77%)

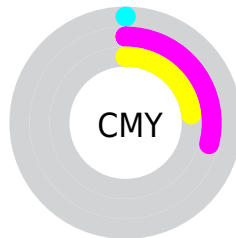


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (0%)



Cyan (0%)

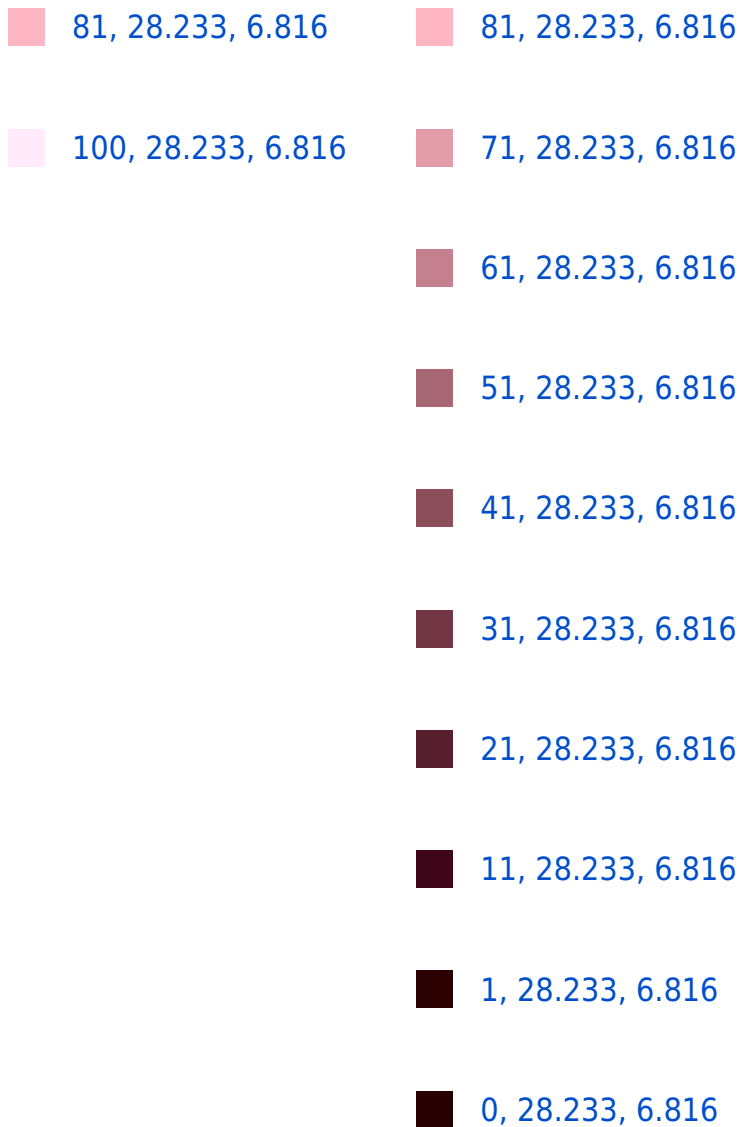
Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.233, 6.816 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, 28.233, 6.816 by changing the saturation by 10% instead.



81, 28.233, 6.816

81, 28.233, 6.816

75, 38.945, 8.409

87, 17.840, 5.510

69, 49.748, 10.382

94, 7.906, 4.383

64, 60.292, 12.870

100, 0.371,
201.170

60, 70.151, 16.031

57, 78.942, 20.007

55, 86.486, 24.824

53, 92.917, 30.176

53, 93.954, 31.013

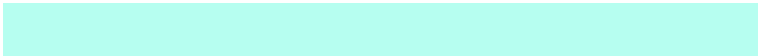
Harmonies

Complementary

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



81, 28.233, 6.816



95, 25.017, 181.048

Rectangle

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



81, 28.233, 6.816



81, 28.233, 56.816



81, 28.233, 186.816



81, 28.233, 236.816

Sweetspot

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



81, 28.230, 6.820



94, 8.566, 4.454



81, 42.906, 320.078



49, 5.976, 4.612



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, 28.230, 6.820



78, 34.374, 7.679



86, 22.939, 49.837



50, 5.419, 4.509



40, 75.222, 30.013



10, 32.017, 19.012

Inverse Universe

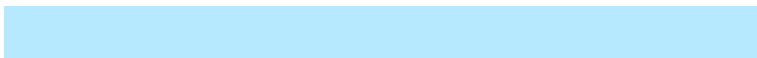
The Inverse Universe completely reimagines the original color for something new.



81, 28.230, 6.820



78, 34.374, 7.679



89, 19.320, 234.352



50, 5.419, 4.509



40, 75.222, 30.013



10, 32.017, 19.012

Previews

White Background



This preview shows how the CIELCh color 81, 28.233, 6.816 looks on a white background.

Color Contrast Check

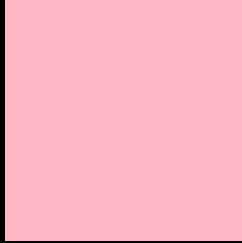
Large Text (above 18pt) WCAG AA × Fail

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, 28.233, 6.816 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, 28.233, 6.816

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.233, 6.816.

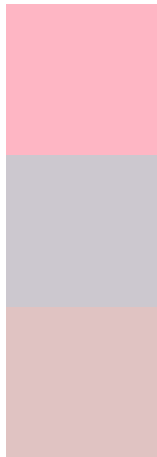


This preview shows how white text looks on a background with the CIELCh color 81, 28.233, 6.816.

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



Original Color

81, 28.233, 6.816

Protanopia

81, 4.015, 311.628

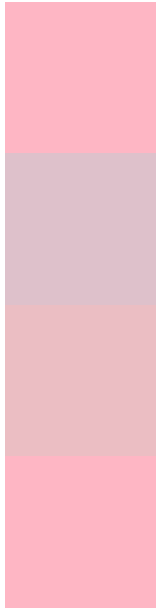
Deuteranopia

81, 10.949, 22.967



Tritanopia
81, 28.233, 6.816

Trichromacy



Original Color
81, 28.233, 6.816

Protanomaly
81, 11.985, 354.145

Deuteranomaly
81, 17.226, 12.019

Tritanomaly
81, 28.233, 6.816

Monochromacy



Original Color
81, 28.233, 6.816

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.016, 4.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.233, 6.816 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, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 182, 196)  
}
```

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, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 182, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.233, 6.816 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, 182, 196) }
```

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

```
.border{ border-color:rgb(254, 182, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(254, 182,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.233, 6.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 182, 196) }
```

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

```
.background{ background-color: rgb(254,  
182, 196) }
```

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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