

Converting Colors

CIELCh(81, 28.308, 4.711)

Have a look what the booklet for
CIELCh(81, 28.308, 4.711) contains.

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Color

CIELCh(81, 28.417, 4.734)

Conversions

Conversions Part 1

Format	Color
Hex	FEB6C6
RGB	254, 182, 198
RGB Percent	100%, 71%, 78%
CMY	0.0048, 0.2870, 0.2243
CMYK	0.00, 0.28, 0.22, 0.00
HSL	347°, 97%, 85%
HSV	347°, 28%, 100%
XYZ	67.6503, 58.4711, 61.0241
YIQ	205.3520, 37.7760, 20.2400

Conversions

Conversions Part 2

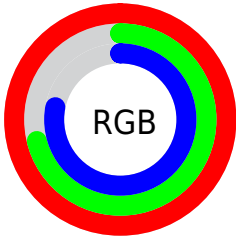
Format	Color
R _Y B	254, 182, 198
Decimal	16692934
CIE Lab	81.00, 28.32, 2.35
CIE LCh	81, 28.417, 4.734
Yxy	58.4711, 0.3615, 0.3124
Android (android.graphics.Color)	4294883014 (0xFFFE6C6)
YUV	205.3520, -3.6245, 42.6643
Hunter-Lab	76.4664, 24.1038, 6.2100

Details

The CIELCh color **81, 28.417, 4.734** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 25.435, 178.867**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 10.602, 324.781**, and **61, 28.568, 4.643** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.104, 6.319**, and if you desaturate by 10%, it is **87, 17.997, 3.426**.

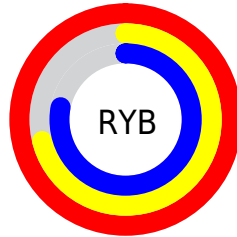
Distribution



Red (100%)

Green (71%)

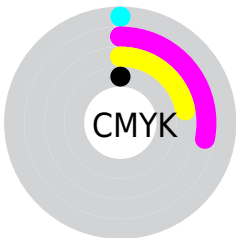
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

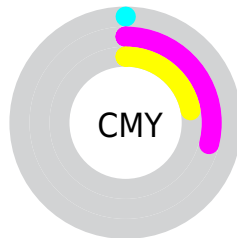


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (0%)



Cyan (0%)

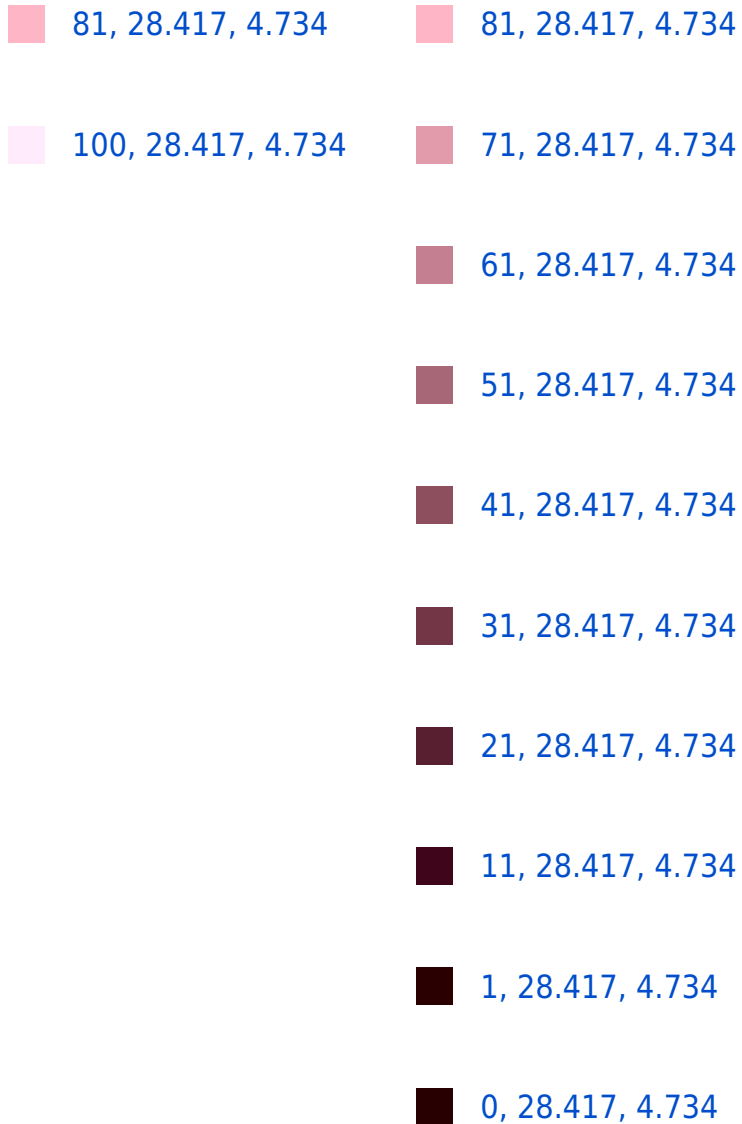
Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.417, 4.734 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, 28.417, 4.734 by changing the saturation by 10% instead.



81, 28.417, 4.734

81, 28.417, 4.734

75, 39.104, 6.319

87, 17.997, 3.426

69, 49.818, 8.272

94, 7.997, 2.291

64, 60.191, 10.727

100, 0.422,
200.948

60, 69.783, 13.843

57, 78.197, 17.777

55, 85.266, 22.592

53, 91.211, 28.057

53, 92.175, 28.923

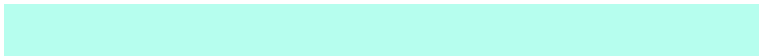
Harmonies

Complementary

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



81, 28.417, 4.734



95, 25.435, 178.867

Rectangle

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



81, 28.417, 4.734



81, 28.417, 54.734



81, 28.417, 184.734



81, 28.417, 234.734

Sweetspot

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



81, 28.414, 4.738



94, 8.654, 2.361



81, 42.577, 319.050



49, 6.035, 2.521



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, 28.414, 4.738



78, 34.554, 5.591



85, 23.184, 46.194



50, 5.474, 2.417



40, 73.877, 27.886



10, 31.855, 17.575

Inverse Universe

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



81, 28.414, 4.738



78, 34.554, 5.591



90, 19.318, 229.768



50, 5.474, 2.417



40, 73.877, 27.886



10, 31.855, 17.575

Previews

White Background



This preview shows how the CIELCh color 81, 28.417, 4.734 looks on a white background.

Color Contrast Check

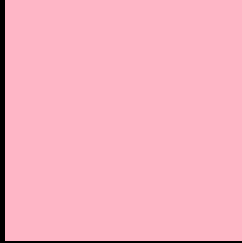
Large Text (above 18pt) WCAG AA × Fail

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, 28.417, 4.734 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, 28.417, 4.734

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.417, 4.734.



This preview shows how white text looks on a background with the CIELCh color 81, 28.417, 4.734.

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, 28.417, 4.734

Protanopia

81, 4.924, 303.269

Deuteranopia

81, 10.531, 20.183



Tritanopia
81, 28.233, 6.816

Trichromacy



Original Color
81, 28.417, 4.734



Protanomaly
81, 12.145, 348.801



Deuteranomaly
81, 16.901, 10.008

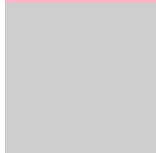


Tritanomaly
81, 28.320, 5.772

Monochromacy



Original Color
81, 28.417, 4.734



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, 28.417, 4.734 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 182, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 182, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.417, 4.734 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, 198) }
```

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

```
.border{ border-color:rgb(254, 182, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 182, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 182, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 182,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.417, 4.734 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, 198) }
```

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

```
.background{ background-color: rgb(254,  
182, 198) }
```

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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