

Converting Colors

CIELCh(81, 27.648, 17.091)

Have a look what the booklet for
CIELCh(81, 27.648, 17.091) contains.

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Color

CIELCh(81, 27.514, 17.371)

Conversions

Conversions Part 1

Format	Color
Hex	FEB7BB
RGB	254, 183, 187
RGB Percent	100%, 72%, 73%
CMY	0.0043, 0.2827, 0.2670
CMYK	0.00, 0.28, 0.26, 0.00
HSL	357°, 97%, 86%
HSV	357°, 28%, 100%
XYZ	66.7177, 58.4711, 54.7371
YIQ	204.6850, 41.0320, 16.2960

Conversions

Conversions Part 2

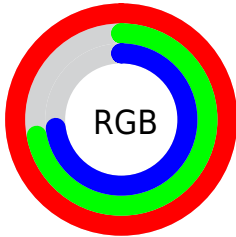
Format	Color
RYB	254, 183, 187
Decimal	16693179
CIELab	81.00, 26.26, 8.21
CIElCh	81, 27.514, 17.371
Yxy	58.4711, 0.3708, 0.3250
Android (android.graphics.Color)	4294883259 (0xFFFE7BB)
YUV	204.6850, -8.7187, 43.2493
Hunter-Lab	76.4664, 21.9268, 11.0848

Details

The CIELCh color **81, 27.514, 17.371** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.184, 192.856**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.064, 0.012**, and **61, 27.729, 16.769** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.554, 18.845**, and if you desaturate by 10%, it is **87, 17.070, 16.213**.

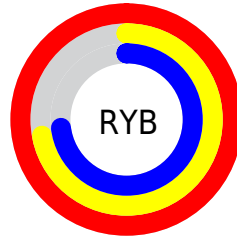
Distribution



Red (100%)

Green (72%)

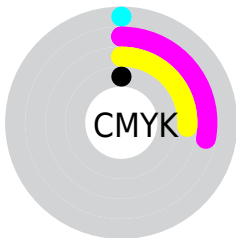
Blue (73%)



Red (100%)

Yellow (72%)

Blue (73%)

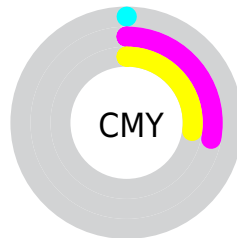


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.514, 17.371 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, 27.514, 17.371 by changing the saturation by 10% instead.

81, 27.514, 17.371

81, 27.514, 17.371

100, 27.514,
17.371

71, 27.514, 17.371

61, 27.514, 17.371

51, 27.514, 17.371

41, 27.514, 17.371

31, 27.514, 17.371

21, 27.514, 17.371

11, 27.514, 17.371

1, 27.514, 17.371

0, 27.514, 17.371

81, 27.514, 17.371

81, 27.514, 17.371

75, 38.554, 18.845

87, 17.070, 16.213

69, 50.034, 20.729

94, 7.297, 15.248

64, 61.679, 23.154

100, 0.378,
201.134

60, 73.117, 26.234

56, 83.923, 29.992

54, 93.558, 34.167

53, 100.929,
37.904

53, 102.061,
38.434

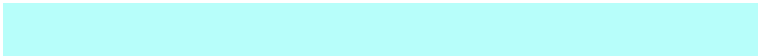
Harmonies

Complementary

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



81, 27.514, 17.371



95, 23.184, 192.856

Rectangle

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



81, 27.514, 17.371



81, 27.514, 67.371



81, 27.514, 197.371



81, 27.514, 247.371

Sweetspot

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



81, 27.512, 17.376



95, 7.362, 15.252



82, 43.733, 324.053



50, 5.261, 15.392



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, 27.512, 17.376



78, 34.239, 18.221



88, 22.598, 64.744



50, 5.261, 15.392



40, 81.882, 37.878



10, 32.916, 24.914

Inverse Universe

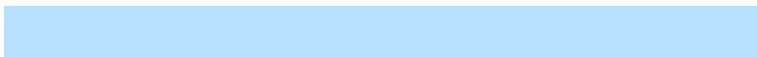
The Inverse Universe completely reimagines the original color for something new.



81, 27.512, 17.376



78, 34.239, 18.221



87, 20.232, 251.953



50, 5.261, 15.392



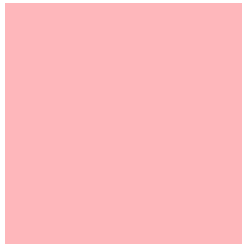
40, 81.882, 37.878



10, 32.916, 24.914

Previews

White Background



This preview shows how the CIELCh color 81, 27.514, 17.371 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 81, 27.514, 17.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

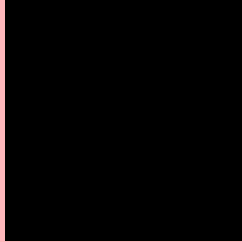
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 27.514, 17.371

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.514, 17.371.



This preview shows how white text looks on a background with the CIELCh color 81, 27.514, 17.371.

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, 27.514, 17.371

Protanopia

81, 2.792, 68.534

Deuteranopia

81, 13.577, 40.705



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 27.514, 17.371

Protanomaly
81, 10.961, 22.971

Deuteranomaly
81, 18.273, 27.399

Tritanomaly
81, 28.374, 11.238

Monochromacy



Original Color
81, 27.514, 17.371

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.741, 17.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.514, 17.371 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, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 187)  
}
```

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, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.514, 17.371 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, 183, 187) }
```

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

```
.border{ border-color:rgb(254, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.514, 17.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 187) }
```

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

```
.background{ background-color: rgb(254,  
183, 187) }
```

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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