

Converting Colors

CIELCh(81, 28.150, 27.902)

Have a look what the booklet for
CIELCh(81, 28.150, 27.902) contains.

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Color

CIELCh(81, 27.817, 28.073)

Conversions

Conversions Part 1

Format	Color
Hex	FEB8B2
RGB	254, 184, 178
RGB Percent	100%, 72%, 70%
CMY	0.0045, 0.2790, 0.3025
CMYK	0.00, 0.28, 0.30, 0.00
HSL	5°, 97%, 85%
HSV	5°, 30%, 100%
XYZ	65.9482, 58.4711, 49.8549
YIQ	204.2460, 43.6460, 12.9740

Conversions

Conversions Part 2

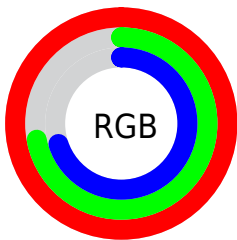
Format	Color
RYB	254, 185, 178
Decimal	16693426
CIELab	81.00, 24.54, 13.09
CIELCh	81, 27.817, 28.073
Yxy	58.4711, 0.3784, 0.3355
Android (android.graphics.Color)	4294883506 (0xFFFE8B2)
YUV	204.2460, -12.9393, 43.6343
Hunter-Lab	76.4664, 20.1306, 14.8704

Details

The CIELCh color **81, 27.817, 28.073** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 22.445, 206.036**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.202, 49.202**, and **61, 27.796, 29.052** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.609, 29.065**, and if you desaturate by 10%, it is **87, 17.775, 27.354**.

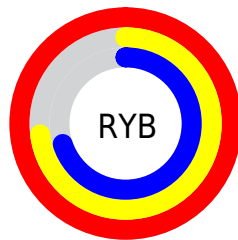
Distribution



Red (100%)

Green (72%)

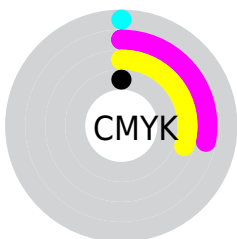
Blue (70%)



Red (100%)

Yellow (73%)

Blue (70%)

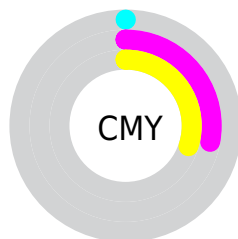


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.817, 28.073 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, 27.817, 28.073 by changing the saturation by 10% instead.

81, 27.817, 28.073

81, 27.817, 28.073

100, 27.817,
28.073

71, 27.817, 28.073

61, 27.817, 28.073

51, 27.817, 28.073

41, 27.817, 28.073

31, 27.817, 28.073

21, 27.817, 28.073

11, 27.817, 28.073

1, 27.817, 28.073

0, 27.817, 28.073

81, 27.817, 28.073

81, 27.817, 28.073

75, 38.609, 29.065

87, 17.775, 27.354

70, 50.084, 30.391

93, 8.498, 26.806

65, 62.065, 32.130

100, 0.055,
218.625

61, 74.242, 34.313

100, 0.401,
201.032

57, 86.054, 36.829

55, 96.318, 39.192

54, 103.100,
40.633

54, 103.138,
40.644

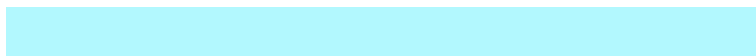
Harmonies

Complementary

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



81, 27.817, 28.073



93, 22.445, 206.036

Rectangle

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



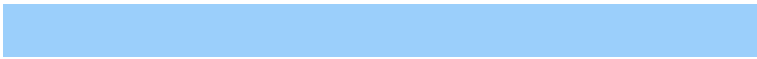
81, 27.817, 28.073



81, 27.817, 78.073



81, 27.817, 208.073



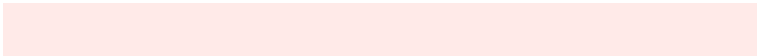
81, 27.817, 258.073

Sweetspot

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



81, 27.815, 28.079



94, 7.697, 26.759



82, 45.524, 327.996



49, 5.381, 26.832



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, 27.815, 28.079



78, 34.403, 28.642



90, 25.894, 78.335



50, 4.873, 26.784



40, 83.104, 40.838



10, 31.846, 31.042

Inverse Universe

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



93, 22.445, 206.036



93, 26.398, 206.039



83, 24.636, 267.114



52, 4.580, 206.368



66, 36.599, 210.097



22, 16.998, 208.287

Previews

White Background



This preview shows how the CIELCh color 81, 27.817, 28.073 looks on a white background.

Color Contrast Check

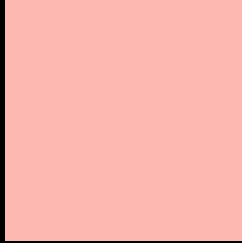
Large Text (above 18pt) WCAG AA × Fail

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, 27.817, 28.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

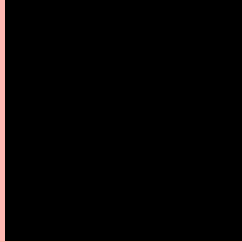
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 27.817, 28.073

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.817, 28.073.

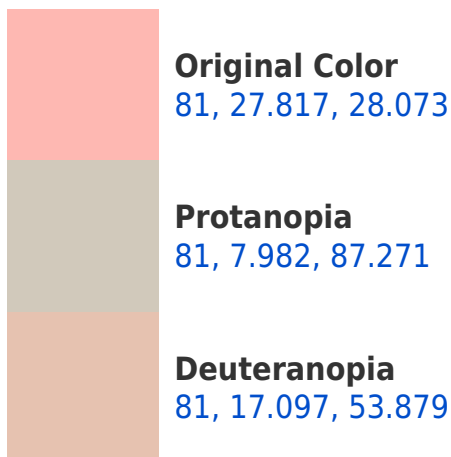


This preview shows how white text looks on a background with the CIELCh color 81, 27.817, 28.073.

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](#).

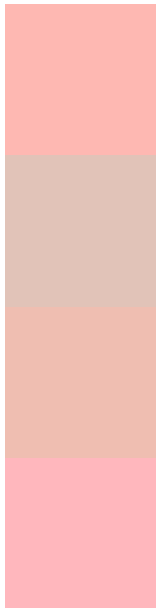
Dichromacy





Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 27.817, 28.073

Protanomaly
81, 12.952, 46.728

Deuteranomaly
81, 20.532, 40.181

Tritanomaly
81, 27.884, 15.323

Monochromacy



Original Color
81, 27.817, 28.073

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.548, 29.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.817, 28.073 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, 184, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 184, 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(254, 184, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 184, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.817, 28.073 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, 184, 178) }
```

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

```
.border{ border-color:rgb(254, 184, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 184, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 184, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 184, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 184,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.817, 28.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 184, 178) }
```

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

```
.background{ background-color: rgb(254,  
184, 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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