

Converting Colors

CIELCh(82, 27.570, 30.404)

Have a look what the booklet for
CIELCh(82, 27.570, 30.404) contains.

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Color

CIELCh(82, 27.185, 30.313)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBB3
RGB	255, 187, 179
RGB Percent	100%, 73%, 70%
CMY	0.0000, 0.2652, 0.2966
CMYK	0.00, 0.27, 0.30, 0.00
HSL	6°, 100%, 85%
HSV	6°, 30%, 100%
XYZ	67.4044, 60.2982, 50.9237
YIQ	206.4200, 43.0960, 11.9280

Conversions

Conversions Part 2

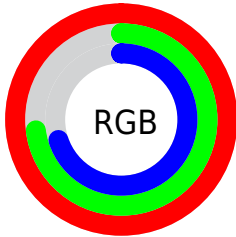
Format	Color
R _Y B	255, 188, 179
Decimal	16759731
CIE Lab	82.00, 23.47, 13.72
CIE LCh	82, 27.185, 30.313
Yxy	60.2982, 0.3773, 0.3376
Android (android.graphics.Color)	4294949811 (0xFFFFBBB3)
YUV	206.4200, -13.5181, 42.6047
Hunter-Lab	77.6519, 19.0531, 15.4743

Details

The CIELCh color **82, 27.185, 30.313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 21.834, 209.097**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 5.923, 63.002**, and **62, 27.435, 30.192** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.639, 31.176**, and if you desaturate by 10%, it is **88, 17.182, 29.779**.

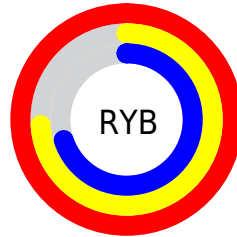
Distribution



Red (100%)

Green (73%)

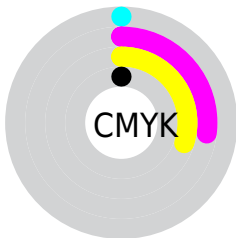
Blue (70%)



Red (100%)

Yellow (74%)

Blue (70%)

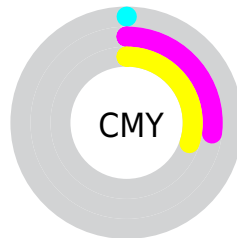


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.185, 30.313 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 82, 27.185, 30.313 by changing the saturation by 10% instead.

 82, 27.185, 30.313

 82, 27.185, 30.313

 100, 27.185,
30.313

 72, 27.185, 30.313

 62, 27.185, 30.313

 52, 27.185, 30.313

 42, 27.185, 30.313

 32, 27.185, 30.313

 22, 27.185, 30.313

 12, 27.185, 30.313

 2, 27.185, 30.313

 0, 27.185, 30.313

82, 27.185, 30.313

82, 27.185, 30.313

76, 37.639, 31.176

88, 17.182, 29.779

71, 48.968, 32.300

94, 8.097, 29.356

66, 60.869, 33.792

100, 0.012,
296.813

62, 73.061, 35.677

58, 85.006, 37.843

56, 95.543, 39.848

54, 102.717,
40.952

54, 102.922,
40.997

Harmonies

Complementary

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



82, 27.185, 30.313



93, 21.834, 209.097

Rectangle

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



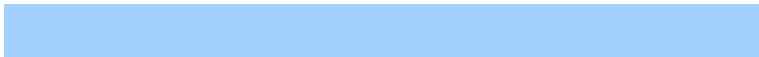
82, 27.185, 30.313



82, 27.185, 80.313



82, 27.185, 210.313



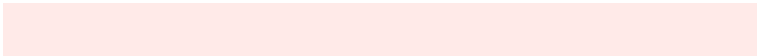
82, 27.185, 260.313

Sweetspot

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



82, 27.027, 30.359



94, 7.520, 29.330



82, 44.268, 329.015



50, 5.258, 29.387



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 27.027, 30.359



78, 33.664, 30.845



91, 26.350, 81.495



50, 4.761, 29.350



41, 82.587, 41.240



11, 31.391, 32.366

Inverse Universe

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



93, 21.834, 209.097



92, 25.794, 209.206



83, 25.470, 270.179



52, 4.474, 209.150



64, 35.790, 215.437



21, 16.625, 212.872

Previews

White Background



This preview shows how the CIELCh color 82, 27.185, 30.313 looks on a white background.

Color Contrast Check

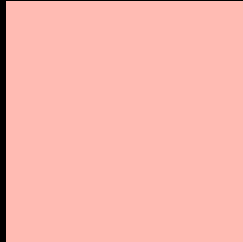
Large Text (above 18pt) WCAG AA × Fail

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 82, 27.185, 30.313 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 82, 27.185, 30.313

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.185, 30.313.

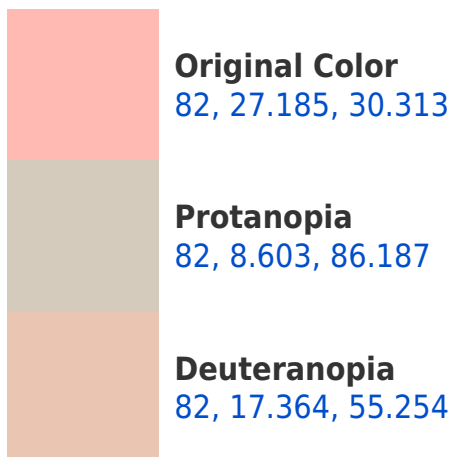


This preview shows how white text looks on a background with the CIELCh color 82, 27.185, 30.313.

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
82, 27.408, 6.271

Trichromacy



Original Color
82, 27.185, 30.313

Protanomaly
82, 13.539, 47.930

Deuteranomaly
82, 20.546, 43.173

Tritanomaly
82, 26.625, 14.885

Monochromacy



Original Color
82, 27.185, 30.313

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.140, 29.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.185, 30.313 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, 187, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 179)  
}
```

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, 187, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.185, 30.313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

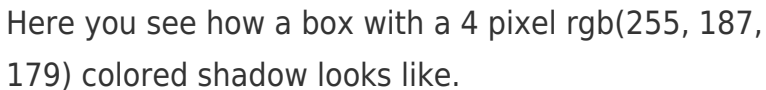
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 187, 179) }
```

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

```
.border{ border-color:rgb(255, 187, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 187, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 187, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 187, 179); box-shadow:4px 4px 4px 4px rgb(255, 187, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.185, 30.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 179) }
```

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

```
.background{ background-color: rgb(255,  
187, 179) }
```

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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