

Converting Colors

CIELCh(84, 33.602, 13.067)

Have a look what the booklet for
CIELCh(84, 33.602, 13.067) contains.

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Color

CIELCh(82, 26.785, 9.296)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC5
RGB	255, 186, 197
RGB Percent	100%, 73%, 77%
CMY	0.0007, 0.2712, 0.2281
CMYK	0.00, 0.27, 0.23, 0.00
HSL	350°, 99%, 86%
HSV	350°, 27%, 100%
XYZ	68.7580, 60.2982, 60.7389
YIQ	207.8850, 37.5930, 18.0490

Conversions

Conversions Part 2

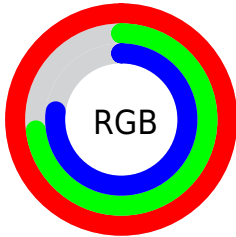
Format	Color
R _Y B	255, 186, 197
Decimal	16759493
CIE Lab	82.00, 26.43, 4.33
CIE LCh	82, 26.785, 9.296
Yxy	60.2982, 0.3623, 0.3177
Android (android.graphics.Color)	4294949573 (0xFFFFBAC5)
YUV	207.8850, -5.3663, 41.3199
Hunter-Lab	77.6519, 22.1646, 7.9800

Details

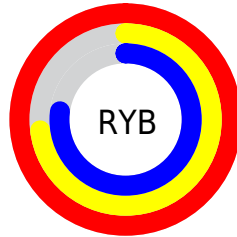
The CIELCh color **82, 26.785, 9.296** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.578, 184.012**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 7.685, 326.833**, and **62, 26.871, 9.348** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.537, 10.844**, and if you desaturate by 10%, it is **88, 16.440, 8.034**.

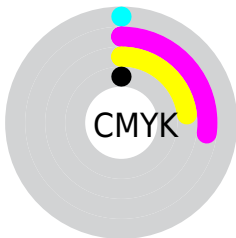
Distribution



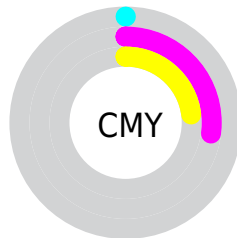
- Red (100%)
- Green (73%)
- Blue (77%)



- Red (100%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.785, 9.296 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, 26.785, 9.296 by changing the saturation by 10% instead.



82, 26.785, 9.296

82, 26.785, 9.296

76, 37.537, 10.844

88, 16.440, 8.034

70, 48.498, 12.770

95, 6.615, 6.939

65, 59.351, 15.208

100, 0.061,
210.295

61, 69.693, 18.307

57, 79.136, 22.196

55, 87.442, 26.873

54, 94.537, 32.007

53, 96.472, 33.407

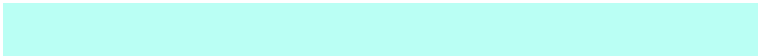
Harmonies

Complementary

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



82, 26.785, 9.296



95, 23.578, 184.012

Rectangle

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



82, 26.785, 9.296



82, 26.785, 59.296



82, 26.785, 189.296



82, 26.785, 239.296

Sweetspot

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



82, 26.782, 9.300



95, 7.509, 7.039



83, 41.405, 321.038



50, 5.360, 7.200



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, 26.782, 9.300



79, 32.060, 10.021



87, 21.721, 53.626



50, 5.360, 7.200



40, 76.996, 32.467



10, 32.224, 20.620

Inverse Universe

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



82, 26.782, 9.300



79, 32.060, 10.021



90, 18.678, 238.733



50, 5.360, 7.200



40, 76.996, 32.467



10, 32.224, 20.620

Previews

White Background



This preview shows how the CIELCh color 82, 26.785, 9.296 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, 26.785, 9.296 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, 26.785, 9.296

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.785, 9.296.

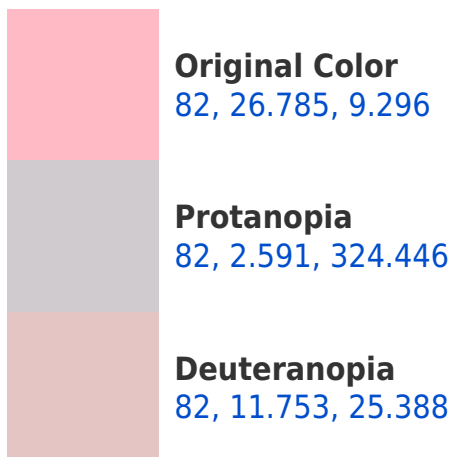


This preview shows how white text looks on a background with the CIELCh color 82, 26.785, 9.296.

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](#).

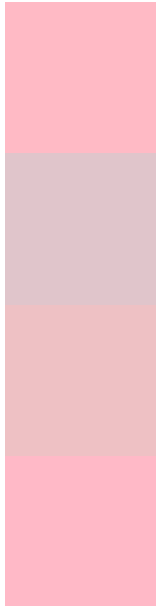
Dichromacy





Tritanopia
82, 27.501, 5.200

Trichromacy



Original Color
82, 26.785, 9.296

Protanomaly
82, 10.511, 2.687

Deuteranomaly
82, 17.112, 15.487

Tritanomaly
82, 27.408, 6.271

Monochromacy



Original Color
82, 26.785, 9.296

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.508, 7.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.785, 9.296 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, 186, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 197)  
}
```

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, 186, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.785, 9.296 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, 186, 197) }
```

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

```
.border{ border-color:rgb(255, 186, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 197); box-shadow:4px 4px 4px 4px rgb(255, 186, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.785, 9.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 197) }
```

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

```
.background{ background-color: rgb(255,  
186, 197) }
```

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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