

Converting Colors

CIELCh(82, 27.937, 2.641)

Have a look what the booklet for
CIELCh(82, 27.937, 2.641) contains.

CIELCh(82, 27.718, 3.082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(82, 27.718, 3.082)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9CA
RGB	255, 185, 202
RGB Percent	100%, 73%, 79%
CMY	0.0000, 0.2740, 0.2074
CMYK	0.00, 0.27, 0.21, 0.00
HSL	345°, 100%, 86%
HSV	345°, 27%, 100%
XYZ	69.3316, 60.2982, 63.9326
YIQ	207.8680, 36.2630, 20.1270

Conversions

Conversions Part 2

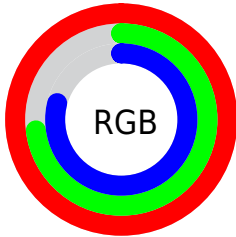
Format	Color
R _Y B	255, 185, 202
Decimal	16759242
CIE Lab	82.00, 27.68, 1.49
CIE LCh	82, 27.718, 3.082
Yxy	60.2982, 0.3582, 0.3115
Android (android.graphics.Color)	4294949322 (0xFFFFB9CA)
YUV	207.8680, -2.8929, 41.3348
Hunter-Lab	77.6519, 23.4832, 5.5416

Details

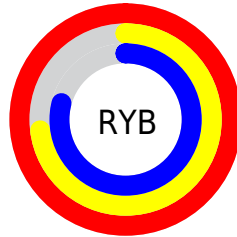
The CIELCh color **82, 27.718, 3.082** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 25.047, 177.371**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.725, 324.710**, and **62, 27.812, 2.819** is the 20% darker color. If you saturate the color by 10%, you get **76, 38.386, 4.591**, and if you desaturate by 10%, it is **88, 17.212, 1.762**.

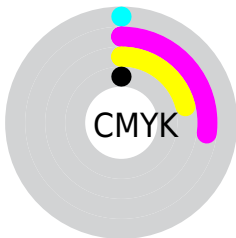
Distribution



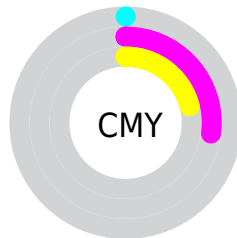
- Red (100%)
- Green (73%)
- Blue (79%)



- Red (100%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)
- Black (0%)

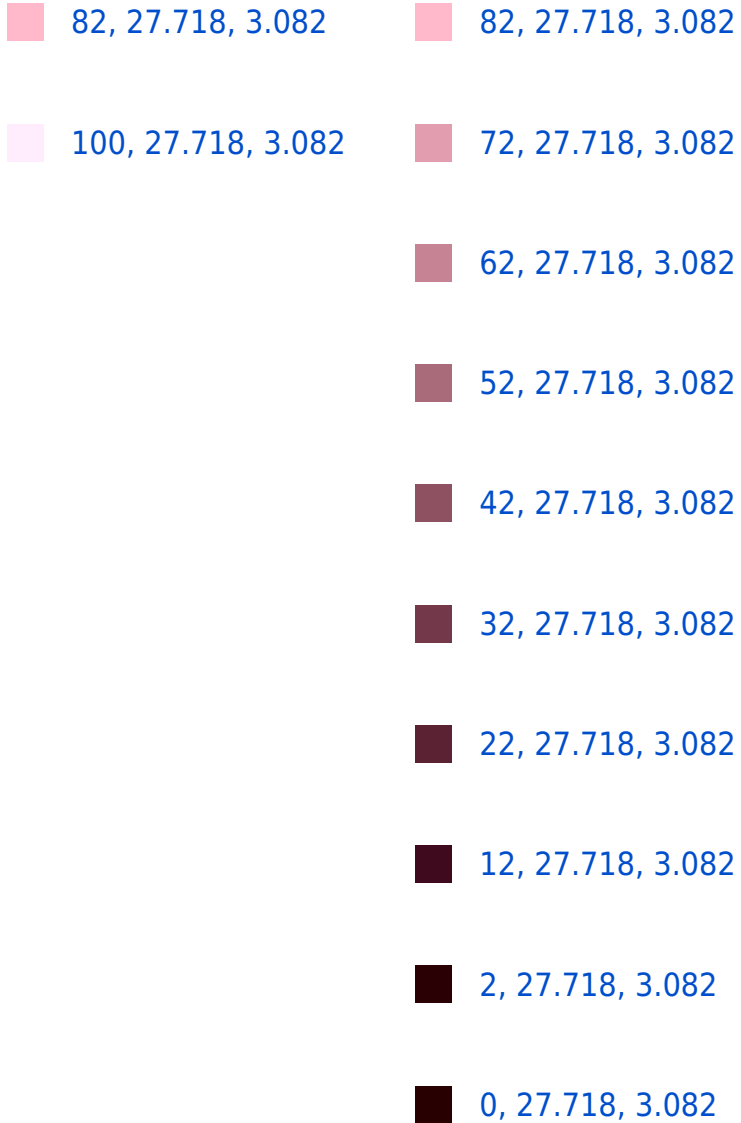


- Cyan (0%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.718, 3.082 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, 27.718, 3.082 by changing the saturation by 10% instead.



82, 27.718, 3.082

82, 27.718, 3.082

76, 38.386, 4.591

88, 17.212, 1.762

70, 49.106, 6.483

95, 7.153, 0.634

65, 59.466, 8.851

100, 0.012,
296.813

61, 69.012, 11.853

57, 77.322, 15.657

55, 84.198, 20.363

54, 89.839, 25.843

54, 91.270, 27.260

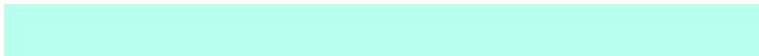
Harmonies

Complementary

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



82, 27.718, 3.082



95, 25.047, 177.371

Rectangle

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



82, 27.718, 3.082



82, 27.718, 53.082



82, 27.718, 183.082



82, 27.718, 233.082

Sweetspot

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



82, 27.671, 3.049



95, 7.740, 0.700



82, 41.125, 318.489



50, 5.520, 0.866



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, 27.671, 3.049



79, 33.649, 3.875



86, 22.552, 44.423



50, 5.520, 0.866



40, 72.921, 26.187



10, 31.737, 16.391

Inverse Universe

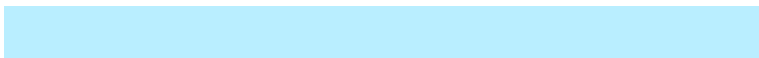
The Inverse Universe completely reimagines the original color for something new.



82, 27.671, 3.049



79, 33.649, 3.875



91, 18.839, 227.389



50, 5.520, 0.866



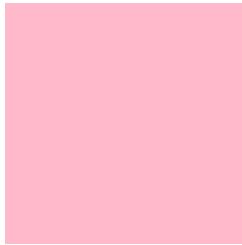
40, 72.921, 26.187



10, 31.737, 16.391

Previews

White Background



This preview shows how the CIELCh color 82, 27.718, 3.082 looks on a white background.

Color Contrast Check

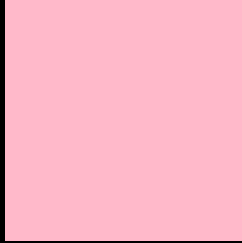
Large Text (above 18pt) WCAG AA × Fail

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, 27.718, 3.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

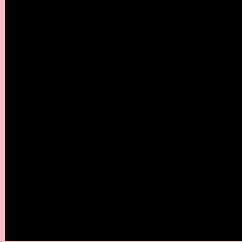
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 27.718, 3.082

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.718, 3.082.



This preview shows how white text looks on a background with the CIELCh color 82, 27.718, 3.082.

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

82, 27.718, 3.082

Protanopia

82, 5.365, 298.314

Deuteranopia

82, 10.512, 14.441

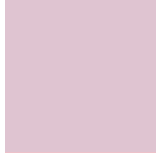


Tritanopia
82, 27.011, 5.998

Trichromacy



Original Color
82, 27.718, 3.082



Protanomaly
82, 12.080, 345.670



Deuteranomaly
82, 17.016, 6.482

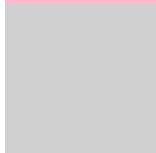


Tritanomaly
82, 27.107, 4.913

Monochromacy



Original Color
82, 27.718, 3.082



Achromatopsia
83, 0.010, 296.813



Achromatomaly
83, 9.770, 1.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.718, 3.082 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, 185, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 202)  
}
```

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, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.718, 3.082 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, 185, 202) }
```

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

```
.border{ border-color:rgb(255, 185, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.718, 3.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 202) }
```

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

```
.background{ background-color: rgb(255,  
185, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor