

Converting Colors

CIELCh(82, 28.858, 359.053)

Have a look what the booklet for
CIELCh(82, 28.858, 359.053)
contains.

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Color

CIELCh(82, 28.804, 358.326)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8CE
RGB	255, 184, 206
RGB Percent	100%, 72%, 81%
CMY	0.0000, 0.2766, 0.1904
CMYK	0.00, 0.28, 0.19, 0.00
HSL	341°, 100%, 86%
HSV	341°, 28%, 100%
XYZ	69.8476, 60.2982, 66.6402
YIQ	207.7370, 35.2540, 21.8940

Conversions

Conversions Part 2

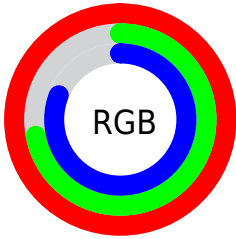
Format	Color
R _Y B	255, 184, 206
Decimal	16758990
CIE _{Lab}	82.00, 28.79, -0.84
CIE _{LCh}	82, 28.804, 358.326
Y _{xy}	60.2982, 0.3549, 0.3064
Android (android.graphics.Color)	4294949070 (0xFFFFB8CE)
Y _{UV}	207.7370, -0.8563, 41.4497
Hunter-Lab	77.6519, 24.6693, 3.4741

Details

The CIELCh color **82, 28.804, 358.326** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 26.465, 172.409**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.351, 324.734**, and **62, 28.937, 357.840** is the 20% darker color. If you saturate the color by 10%, you get **76, 39.418, 359.646**, and if you desaturate by 10%, it is **88, 17.989, 356.906**.

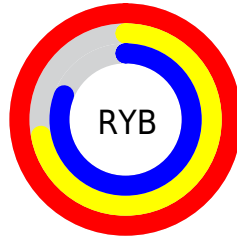
Distribution



Red (100%)

Green (72%)

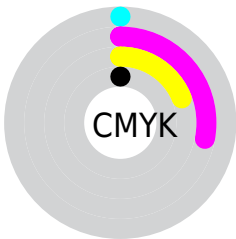
Blue (81%)



Red (100%)

Yellow (72%)

Blue (81%)

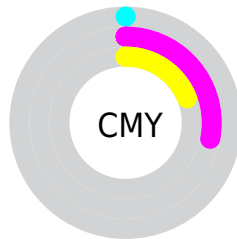


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 28.804, 358.326 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, 28.804, 358.326 by changing the saturation by 10% instead.


 82, 28.804,
358.326

 82, 28.804,
358.326


 100, 28.804,
358.326


 72, 28.804,
358.326

 62, 28.804,
358.326

 52, 28.804,
358.326

 42, 28.804,
358.326

 32, 28.804,
358.326

 22, 28.804,
358.326

 12, 28.804,

358.326

■ 2, 28.804, 358.326

■ 0, 28.804, 358.326

■ 82, 28.804,
358.326

■ 82, 28.804,
358.326

■ 76, 39.418,
359.646

■ 88, 17.989,
356.906

■ 70, 50.055, 1.445

■ 95, 7.656, 355.796

■ 65, 60.138, 3.675

100, 0.012,
296.813

■ 61, 69.171, 6.490

■ 58, 76.689, 10.070

■ 55, 82.470, 14.569

■ 54, 86.783, 19.976

■ 54, 87.762, 21.271

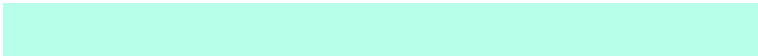
Harmonies

Complementary

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



82, 28.804, 358.326



95, 26.465, 172.409

Rectangle

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



82, 28.804, 358.326



82, 28.804, 48.326



82, 28.804, 178.326



82, 28.804, 228.326

Sweetspot

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



82, 28.635, 358.162



95, 7.996, 355.832



81, 40.922, 316.398



50, 5.700, 355.995



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, 28.635, 358.162



79, 34.387, 358.920



84, 23.624, 37.521



50, 5.700, 355.995



40, 70.292, 20.183



10, 31.415, 11.906

Inverse Universe

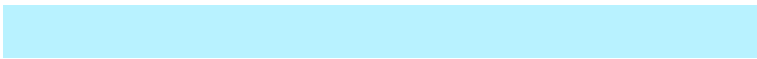
The Inverse Universe completely reimagines the original color for something new.



82, 28.635, 358.162



79, 34.387, 358.920



92, 19.464, 218.556



50, 5.700, 355.995



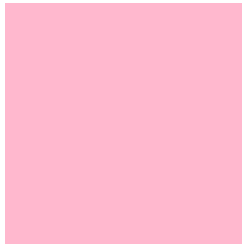
40, 70.292, 20.183



10, 31.415, 11.906

Previews

White Background



This preview shows how the CIELCh color 82, 28.804, 358.326 looks on a white background.

Color Contrast Check

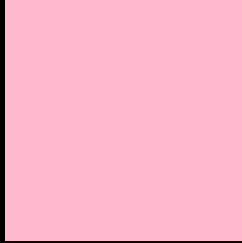
Large Text (above 18pt) WCAG AA × Fail

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, 28.804, 358.326 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, 28.804, 358.326

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.804, 358.326.



This preview shows how white text looks on a background with the CIELCh color 82, 28.804, 358.326.

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, 28.804, 358.326

Protanopia
82, 7.440, 293.564

Deuteranopia
82, 10.144, 2.004



Tritanopia
82, 26.641, 5.733

Trichromacy



Original Color
82, 28.804, 358.326

Protanomaly
82, 13.364, 338.147

Deuteranomaly
82, 16.840, 358.748

Tritanomaly
82, 27.357, 2.783

Monochromacy



Original Color
82, 28.804, 358.326

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.486, 356.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.804, 358.326 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, 184, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 206)  
}
```

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, 184, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.804, 358.326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

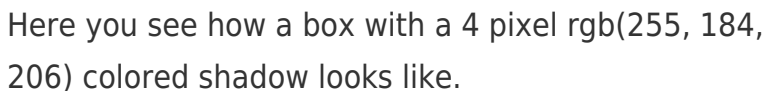
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 184, 206) }
```

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

```
.border{ border-color:rgb(255, 184, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 184, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.804, 358.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 206) }
```

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

```
.background{ background-color: rgb(255,  
184, 206) }
```

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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