

Converting Colors

CIELCh(81, 29.112, 9.750)

Have a look what the booklet for
CIELCh(81, 29.112, 9.750) contains.

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Color

CIELCh(81, 28.878, 9.365)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C1
RGB	255, 181, 193
RGB Percent	100%, 71%, 76%
CMY	0.0000, 0.2883, 0.2413
CMYK	0.00, 0.29, 0.24, 0.00
HSL	350°, 100%, 86%
HSV	350°, 29%, 100%
XYZ	67.7290, 58.4711, 58.4479
YIQ	204.4940, 40.2520, 19.4200

Conversions

Conversions Part 2

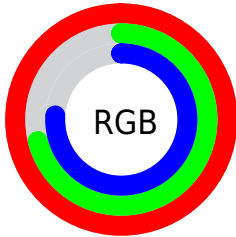
Format	Color
R _Y B	255, 181, 193
Decimal	16758209
CIE Lab	81.00, 28.49, 4.70
CIE LCh	81, 28.878, 9.365
Yxy	58.4711, 0.3668, 0.3167
Android (android.graphics.Color)	4294948289 (0xFFFFB5C1)
YUV	204.4940, -5.6665, 44.2938
Hunter-Lab	76.4664, 24.2875, 8.2075

Details

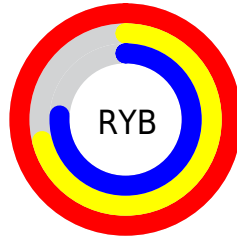
The CIELCh color **81, 28.878, 9.365** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 25.057, 183.533**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 8.881, 336.118**, and **61, 29.153, 8.497** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.488, 10.866**, and if you desaturate by 10%, it is **87, 18.249, 7.951**.

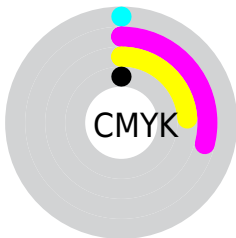
Distribution



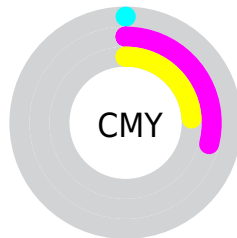
- Red (100%)
- Green (71%)
- Blue (76%)



- Red (100%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (29%)
- Yellow (24%)
- Black (0%)

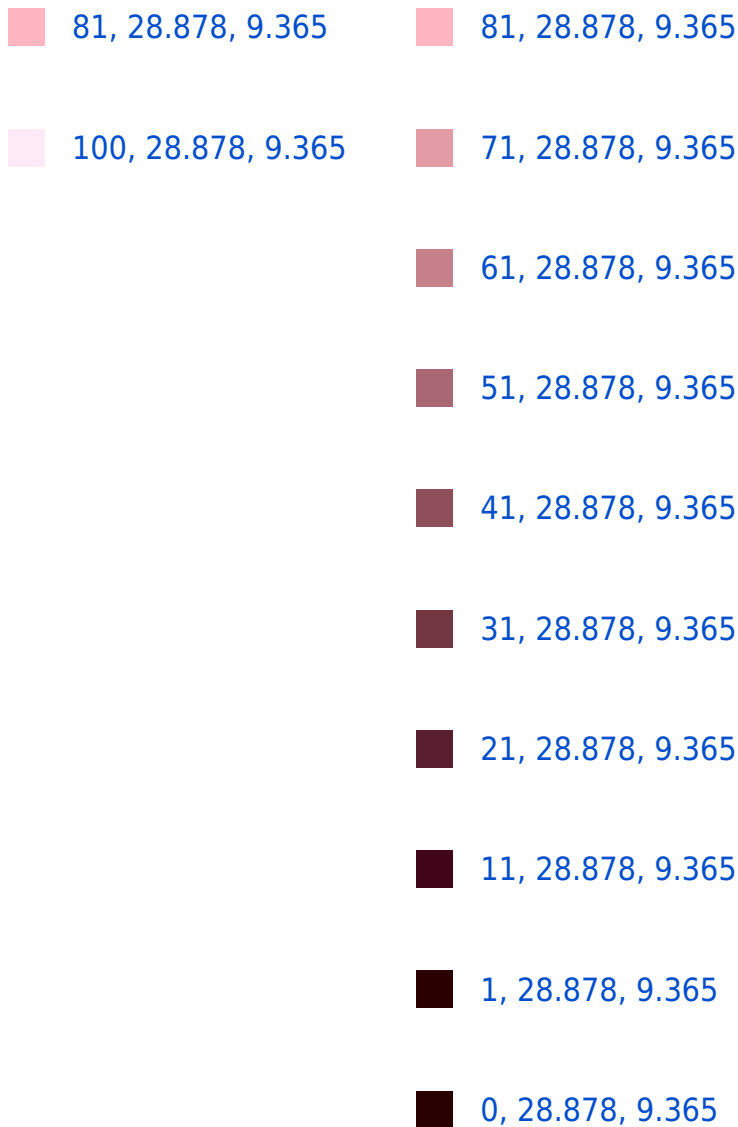


- Cyan (0%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.878, 9.365 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, 28.878, 9.365 by changing the saturation by 10% instead.



81, 28.878, 9.365

81, 28.878, 9.365

75, 39.488, 10.866

87, 18.249, 7.951

69, 50.446, 12.871

94, 8.317, 6.835

64, 61.218, 15.413

100, 0.012,
296.813

60, 71.392, 18.642

57, 80.597, 22.677

55, 88.634, 27.482

54, 95.510, 32.618

53, 96.281, 33.166

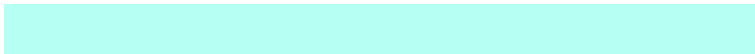
Harmonies

Complementary

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



81, 28.878, 9.365



95, 25.057, 183.533

Rectangle

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



81, 28.878, 9.365



81, 28.878, 59.365



81, 28.878, 189.365



81, 28.878, 239.365

Sweetspot

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



81, 28.680, 9.261



94, 8.482, 6.853



82, 44.133, 321.118



49, 5.919, 7.009



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, 28.680, 9.261



77, 35.316, 10.210



86, 23.300, 53.509



50, 5.366, 6.907



40, 76.803, 32.216



10, 32.202, 20.458

Inverse Universe

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



81, 28.680, 9.261



77, 35.316, 10.210



89, 19.813, 238.998



50, 5.366, 6.907



40, 76.803, 32.216



10, 32.202, 20.458

Previews

White Background



This preview shows how the CIELCh color 81, 28.878, 9.365 looks on a white background.

Color Contrast Check

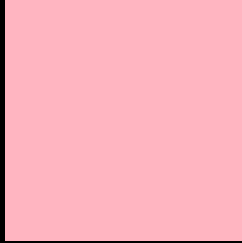
Large Text (above 18pt) WCAG AA × Fail

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, 28.878, 9.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

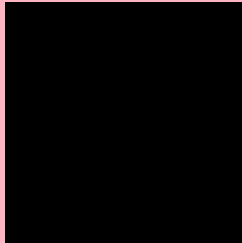
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 28.878, 9.365

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.878, 9.365.

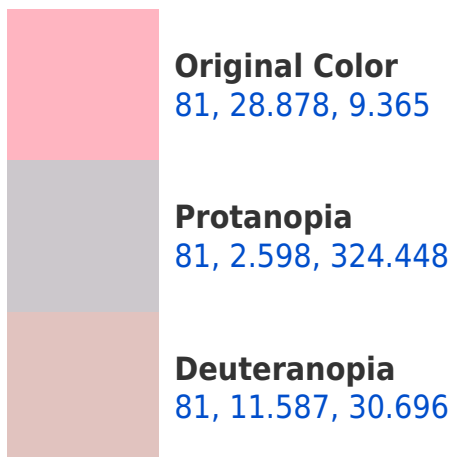


This preview shows how white text looks on a background with the CIELCh color 81, 28.878, 9.365.

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](#).

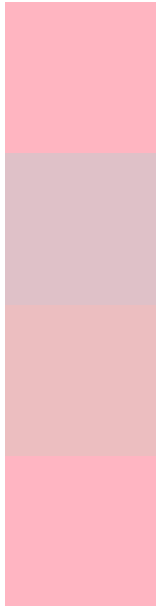
Dichromacy





Tritanopia
81, 29.009, 7.311

Trichromacy



Original Color
81, 28.878, 9.365

Protanomaly
81, 11.778, 2.019

Deuteranomaly
81, 17.551, 17.376

Tritanomaly
81, 28.939, 8.336

Monochromacy



Original Color
81, 28.878, 9.365

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.390, 5.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.878, 9.365 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, 181, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 193)  
}
```

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, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.878, 9.365 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, 181, 193) }
```

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

```
.border{ border-color:rgb(255, 181, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.878, 9.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 193) }
```

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

```
.background{ background-color: rgb(255,  
181, 193) }
```

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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