

Converting Colors

CIELCh(81, 28.762, 18.360)

Have a look what the booklet for
CIELCh(81, 28.762, 18.360) contains.

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Color

CIELCh(81, 28.365, 18.634)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6B9
RGB	255, 182, 185
RGB Percent	100%, 71%, 73%
CMY	0.0000, 0.2847, 0.2730
CMYK	0.00, 0.28, 0.27, 0.00
HSL	358°, 100%, 86%
HSV	358°, 28%, 100%
XYZ	66.9968, 58.4711, 53.8654
YIQ	204.1690, 42.5450, 16.4090

Conversions

Conversions Part 2

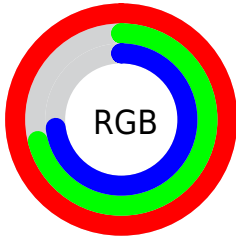
Format	Color
R _Y B	255, 182, 185
Decimal	16758457
CIE Lab	81.00, 26.88, 9.06
CIE LCh	81, 28.365, 18.634
Yxy	58.4711, 0.3736, 0.3260
Android (android.graphics.Color)	4294948537 (0xFFFFB6B9)
YUV	204.1690, -9.4503, 44.5788
Hunter-Lab	76.4664, 22.5785, 11.7607

Details

The CIELCh color **81, 28.365, 18.634** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.542, 194.187**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 6.267, 5.571**, and **61, 28.230, 19.146** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.370, 20.067**, and if you desaturate by 10%, it is **87, 17.654, 17.458**.

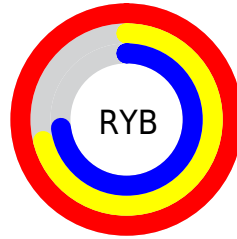
Distribution



Red (100%)

Green (71%)

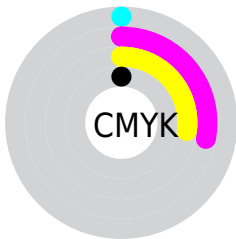
Blue (73%)



Red (100%)

Yellow (71%)

Blue (73%)

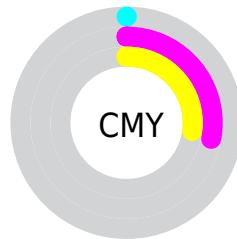


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.365, 18.634 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, 28.365, 18.634 by changing the saturation by 10% instead.

 81, 28.365, 18.634

 81, 28.365, 18.634

 100, 28.365,
18.634

 71, 28.365, 18.634

 61, 28.365, 18.634

 51, 28.365, 18.634

 41, 28.365, 18.634

 31, 28.365, 18.634

 21, 28.365, 18.634

 11, 28.365, 18.634

 1, 28.365, 18.634

 0, 28.365, 18.634

81, 28.365, 18.634

81, 28.365, 18.634

75, 39.370, 20.067

87, 17.654, 17.458

69, 51.007, 21.951

94, 7.804, 16.516

64, 62.837, 24.382

100, 0.012,
296.813

60, 74.481, 27.464

56, 85.487, 31.189

54, 95.201, 35.222

53, 102.243,
38.568

53, 103.004,
38.886

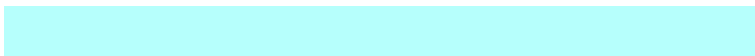
Harmonies

Complementary

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



81, 28.365, 18.634



95, 23.542, 194.187

Rectangle

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



81, 28.365, 18.634



81, 28.365, 68.634



81, 28.365, 198.634



81, 28.365, 248.634

Sweetspot

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



81, 28.198, 18.605



94, 8.304, 16.563



83, 44.886, 324.564



49, 5.802, 16.694



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, 28.198, 18.605



77, 34.301, 19.367



89, 23.242, 66.510



49, 5.256, 16.609



40, 82.460, 38.423



10, 33.032, 25.525

Inverse Universe

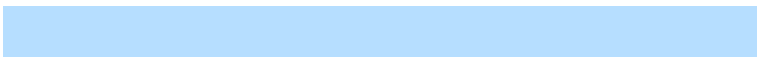
The Inverse Universe completely reimagines the original color for something new.



81, 28.198, 18.605



77, 34.301, 19.367



87, 20.937, 254.090



49, 5.256, 16.609



40, 82.460, 38.423



10, 33.032, 25.525

Previews

White Background



This preview shows how the CIELCh color 81, 28.365, 18.634 looks on a white background.

Color Contrast Check

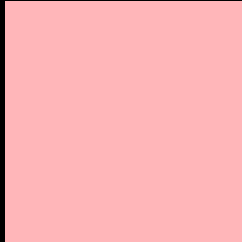
Large Text (above 18pt) WCAG AA × Fail

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, 28.365, 18.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

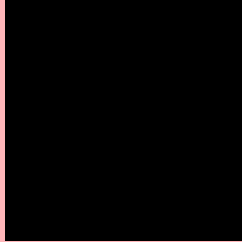
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 28.365, 18.634

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.365, 18.634.

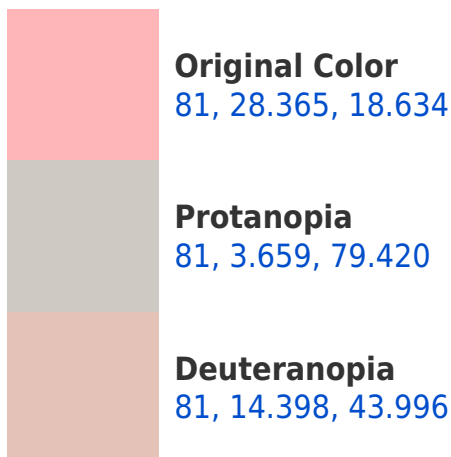


This preview shows how white text looks on a background with the CIELCh color 81, 28.365, 18.634.

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, 28.365, 18.634

Protanomaly
81, 11.406, 25.543

Deuteranomaly
81, 18.900, 30.407

Tritanomaly
81, 28.374, 11.238

Monochromacy



Original Color
81, 28.365, 18.634

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.132, 17.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.365, 18.634 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, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 185)  
}
```

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, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.365, 18.634 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, 182, 185) }
```

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

```
.border{ border-color:rgb(255, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.365, 18.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 185) }
```

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

```
.background{ background-color: rgb(255,  
182, 185) }
```

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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