

Converting Colors

CIELCh(84, 41.505, 23.377)

Have a look what the booklet for
CIELCh(84, 41.505, 23.377) contains.

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Color

CIELCh(81, 29.022, 22.852)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6B5
RGB	255, 182, 181
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2850, 0.2890
CMYK	0.00, 0.28, 0.29, 0.00
HSL	1°, 100%, 86%
HSV	1°, 29%, 100%
XYZ	66.9363, 58.4711, 51.6415
YIQ	203.7130, 43.8290, 15.1650

Conversions

Conversions Part 2

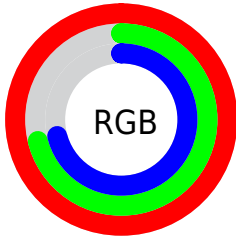
Format	Color
R _Y B	255, 182, 181
Decimal	16758453
CIE Lab	81.00, 26.74, 11.27
CIE LCh	81, 29.022, 22.852
Yxy	58.4711, 0.3781, 0.3303
Android (android.graphics.Color)	4294948533 (0xFFFFB6B5)
YUV	203.7130, -11.1975, 44.9787
Hunter-Lab	76.4664, 22.4372, 13.4851

Details

The CIELCh color **81, 29.022, 22.852** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.274, 199.283**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 6.119, 24.497**, and **61, 28.538, 23.569** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.725, 24.146**, and if you desaturate by 10%, it is **87, 17.886, 21.823**.

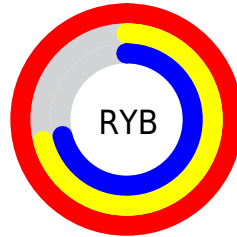
Distribution



Red (100%)

Green (71%)

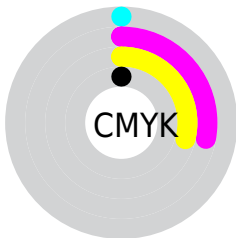
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

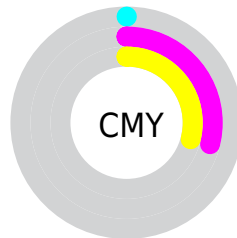


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.022, 22.852 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, 29.022, 22.852 by changing the saturation by 10% instead.

81, 29.022, 22.852

81, 29.022, 22.852

100, 29.022,
22.852

71, 29.022, 22.852

61, 29.022, 22.852

51, 29.022, 22.852

41, 29.022, 22.852

31, 29.022, 22.852

21, 29.022, 22.852

11, 29.022, 22.852

1, 29.022, 22.852

0, 29.022, 22.852

81, 29.022, 22.852

81, 29.022, 22.852

75, 39.725, 24.146

87, 17.886, 21.823

69, 51.596, 25.873

94, 8.090, 21.022

64, 63.810, 28.119

100, 0.012,
296.813

60, 75.994, 30.952

56, 87.590, 34.283

54, 97.538, 37.604

53, 103.841,
39.870

53, 104.409,
40.097

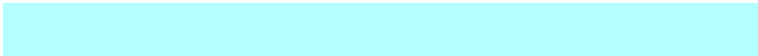
Harmonies

Complementary

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



81, 29.022, 22.852



95, 23.274, 199.283

Rectangle

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



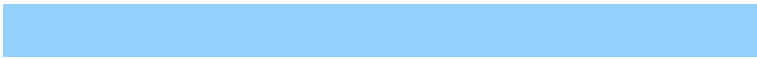
81, 29.022, 22.852



81, 29.022, 72.852



81, 29.022, 202.852



81, 29.022, 252.852

Sweetspot

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



81, 28.445, 22.830



94, 8.186, 21.030



83, 46.156, 326.022



49, 5.722, 21.139



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, 28.445, 22.830



77, 35.249, 23.590



89, 24.094, 71.790



50, 5.182, 21.068



40, 84.038, 40.139



10, 33.080, 27.850

Inverse Universe

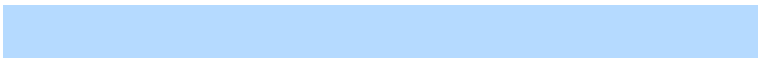
The Inverse Universe completely reimagines the original color for something new.



95, 23.274, 199.283



94, 27.485, 199.060



86, 22.231, 259.972



52, 4.876, 200.177



69, 39.578, 198.562



23, 18.250, 198.296

Previews

White Background



This preview shows how the CIELCh color 81, 29.022, 22.852 looks on a white background.

Color Contrast Check

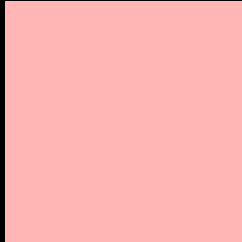
Large Text (above 18pt) WCAG AA × Fail

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, 29.022, 22.852 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, 29.022, 22.852

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.022, 22.852.

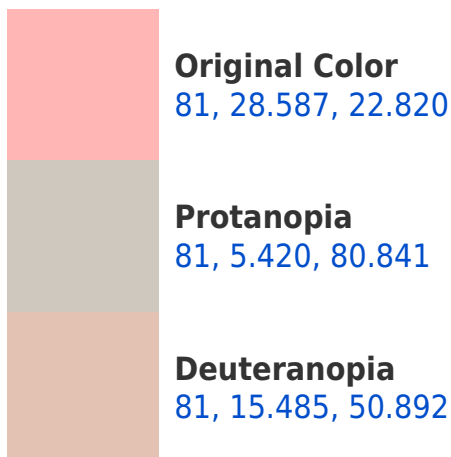



This preview shows how white text looks on a background with the CIELCh color 81, 29.022, 22.852.

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](#).

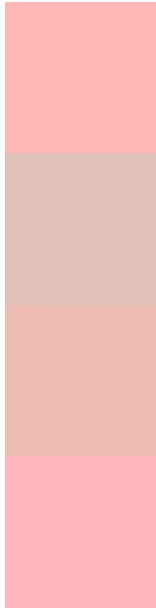
Dichromacy





Tritanopia
81, 28.939, 8.336

Trichromacy



Original Color
81, 28.587, 22.820

Protanomaly
81, 12.063, 38.013

Deuteranomaly
81, 19.536, 36.364

Tritanomaly
81, 28.738, 13.517

Monochromacy



Original Color
81, 28.587, 22.820

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.137, 20.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.022, 22.852 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.022, 22.852 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, 181) }
```

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

```
.border{ border-color:rgb(255, 182, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.022, 22.852 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
182, 181) }
```

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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