

Converting Colors

CIELCh(81, 29.692, 0.769)

Have a look what the booklet for
CIELCh(81, 29.692, 0.769) contains.

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Color

CIELCh(81, 29.639, 1.306)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C9
RGB	255, 181, 201
RGB Percent	100%, 71%, 79%
CMY	0.0003, 0.2905, 0.2121
CMYK	0.00, 0.29, 0.21, 0.00
HSL	344°, 100%, 85%
HSV	344°, 29%, 100%
XYZ	68.2481, 58.4711, 62.8967
YIQ	205.4060, 37.6840, 21.9080

Conversions

Conversions Part 2

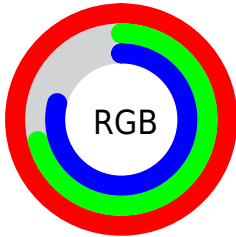
Format	Color
R_{YB}	255, 181, 201
Decimal	16758217
CIE _{Lab}	81.00, 29.63, 0.68
CIE _{LCh}	81, 29.639, 1.306
Yxy	58.4711, 0.3599, 0.3084
Android (android.graphics.Color)	4294948297 (0xFFFFB5C9)
YUV	205.4060, -2.1722, 43.4939
Hunter-Lab	76.4664, 25.4994, 4.7580

Details

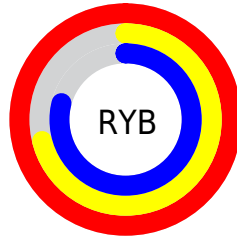
The CIELCh color **81, 29.639, 1.306** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 26.909, 175.197**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 11.228, 324.804**, and **61, 29.826, 1.089** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.375, 2.878**, and if you desaturate by 10%, it is **87, 19.073, 359.998**.

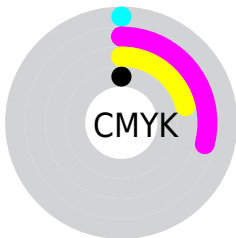
Distribution



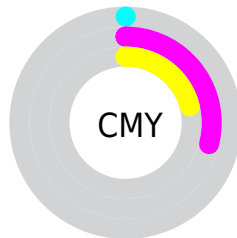
- Red (100%)
- Green (71%)
- Blue (79%)



- Red (100%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (29%)
- Yellow (21%)
- Black (0%)

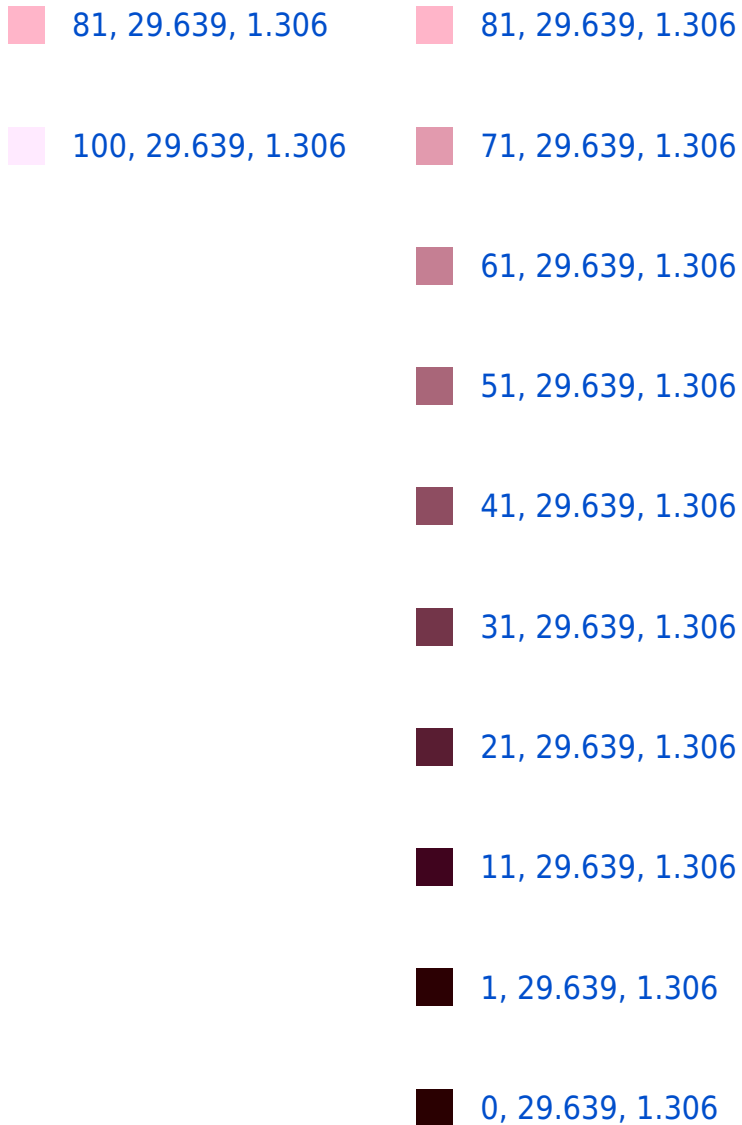


- Cyan (0%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.639, 1.306 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, 29.639, 1.306 by changing the saturation by 10% instead.



81, 29.639, 1.306

81, 29.639, 1.306

75, 40.375, 2.878

87, 19.073,
359.998

69, 51.008, 4.800

94, 8.855, 358.858

64, 61.134, 7.204

100, 0.031,
221.372

60, 70.280, 10.252

57, 78.028, 14.116

55, 84.229, 18.904

54, 89.250, 24.451

54, 89.745, 24.985

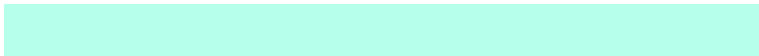
Harmonies

Complementary

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



81, 29.639, 1.306



95, 26.909, 175.197

Rectangle

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



81, 29.639, 1.306



81, 29.639, 51.306



81, 29.639, 181.306



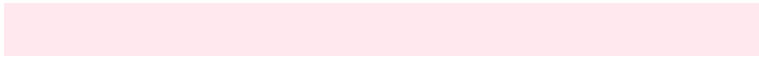
81, 29.639, 231.306

Sweetspot

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



81, 29.636, 1.309



94, 8.833, 358.856



81, 43.261, 317.515



49, 6.158, 359.015



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, 29.636, 1.309



77, 36.057, 2.210



84, 24.436, 40.908



50, 5.586, 358.911



40, 71.786, 23.899



10, 31.595, 14.739

Inverse Universe

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



81, 29.636, 1.309



77, 36.057, 2.210



91, 20.018, 223.038



50, 5.586, 358.911



40, 71.786, 23.899



10, 31.595, 14.739

Previews

White Background



This preview shows how the CIELCh color 81, 29.639, 1.306 looks on a white background.

Color Contrast Check

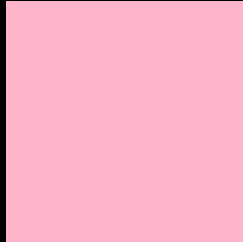
Large Text (above 18pt) WCAG AA × Fail

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 81, 29.639, 1.306 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, 29.639, 1.306

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.639, 1.306.

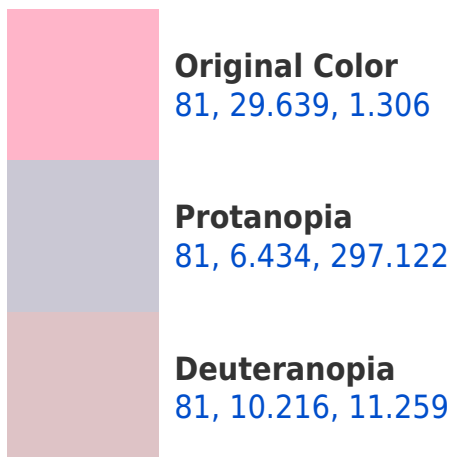


This preview shows how white text looks on a background with the CIELCh color 81, 29.639, 1.306.

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](#).

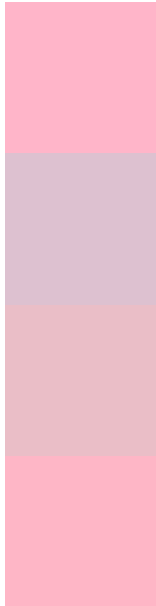
Dichromacy





Tritanopia
81, 28.233, 6.816

Trichromacy



Original Color
81, 29.639, 1.306

Protanomaly
81, 13.017, 342.784

Deuteranomaly
81, 17.175, 4.789

Tritanomaly
81, 28.417, 4.734

Monochromacy



Original Color
81, 29.639, 1.306

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.859, 357.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.639, 1.306 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.639, 1.306 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, 201) }
```

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

```
.border{ border-color:rgb(255, 181, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.639, 1.306 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
181, 201) }
```

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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