

Converting Colors

CIELCh(88, 54.141, 15.434)

Have a look what the booklet for
CIELCh(88, 54.141, 15.434) contains.

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Color

CIELCh(81, 29.578, 5.552)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C5
RGB	255, 181, 197
RGB Percent	100%, 71%, 77%
CMY	0.0000, 0.2906, 0.2279
CMYK	0.00, 0.29, 0.23, 0.00
HSL	347°, 100%, 85%
HSV	347°, 29%, 100%
XYZ	68.1603, 58.4711, 60.4526
YIQ	204.9500, 38.9680, 20.6640

Conversions

Conversions Part 2

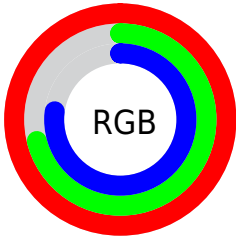
Format	Color
R _Y B	255, 181, 197
Decimal	16758213
CIE Lab	81.00, 29.44, 2.86
CIE LCh	81, 29.578, 5.552
Yxy	58.4711, 0.3643, 0.3125
Android (android.graphics.Color)	4294948293 (0xFFFFB5C5)
YUV	204.9500, -3.9193, 43.8939
Hunter-Lab	76.4664, 25.2945, 6.6532

Details

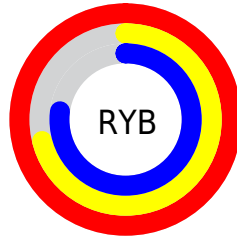
The CIELCh color $81, 29.578, 5.552$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $95, 26.019, 179.282$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.811, 326.336$, and $61, 29.375, 5.278$ is the 20% darker color. If you saturate the color by 10%, you get $75, 39.968, 6.917$, and if you desaturate by 10%, it is $87, 18.747, 3.981$.

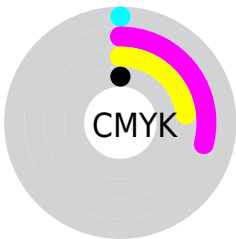
Distribution



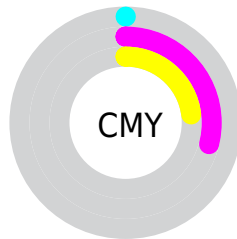
- Red (100%)
- Green (71%)
- Blue (77%)



- Red (100%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (0%)

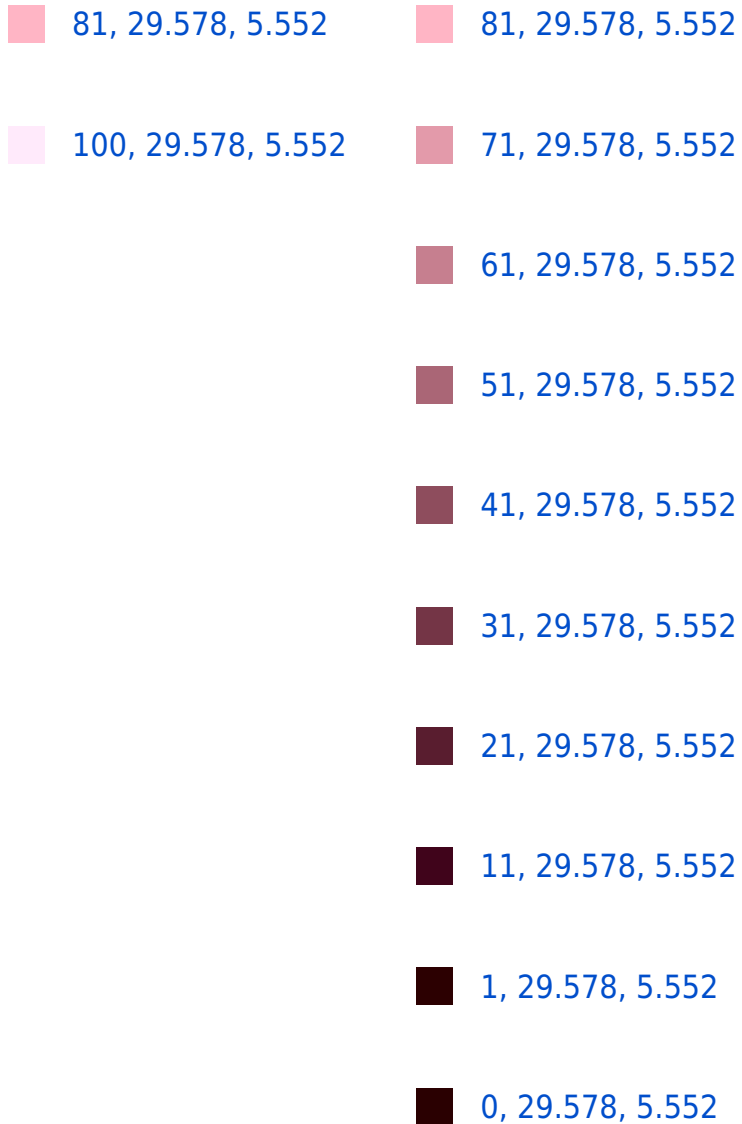


- Cyan (0%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.578, 5.552 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, 29.578, 5.552 by changing the saturation by 10% instead.



81, 29.578, 5.552

81, 29.578, 5.552

75, 39.968, 6.917

87, 18.747, 3.981

69, 50.731, 8.907

94, 8.692, 2.839

64, 61.141, 11.413

100, 0.012,
296.813

60, 70.757, 14.596

57, 79.194, 18.605

55, 86.304, 23.485

54, 92.344, 28.937

54, 92.910, 29.426

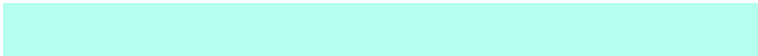
Harmonies

Complementary

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



81, 29.578, 5.552



95, 26.019, 179.282

Rectangle

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



81, 29.578, 5.552



81, 29.578, 55.552



81, 29.578, 185.552



81, 29.578, 235.552

Sweetspot

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



81, 29.222, 5.310



94, 8.633, 2.833



81, 43.970, 319.597



49, 6.021, 2.992



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, 29.222, 5.310



77, 35.585, 6.225



85, 23.776, 47.978



50, 5.461, 2.888



40, 74.175, 28.382



10, 31.891, 17.914

Inverse Universe

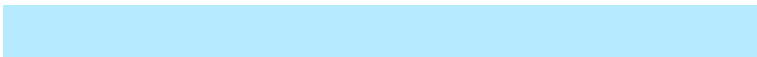
The Inverse Universe completely reimagines the original color for something new.



81, 29.222, 5.310



77, 35.585, 6.225



90, 19.811, 232.148



50, 5.461, 2.888



40, 74.175, 28.382



10, 31.891, 17.914

Previews

White Background



This preview shows how the CIELCh color 81, 29.578, 5.552 looks on a white background.

Color Contrast Check

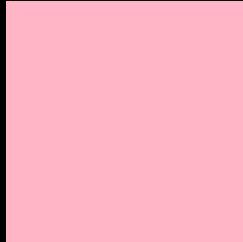
Large Text (above 18pt) WCAG AA × Fail

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, 29.578, 5.552 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, 29.578, 5.552

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.578, 5.552.

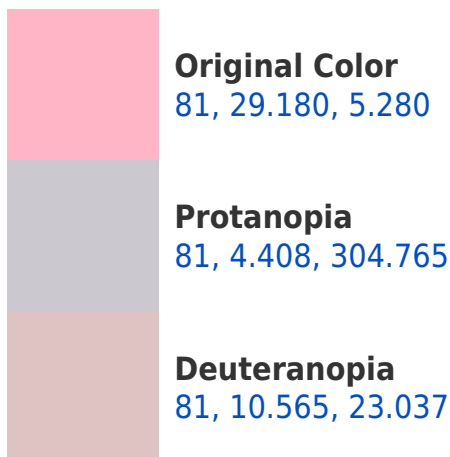


This preview shows how white text looks on a background with the CIELCh color 81, 29.578, 5.552.

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](#).

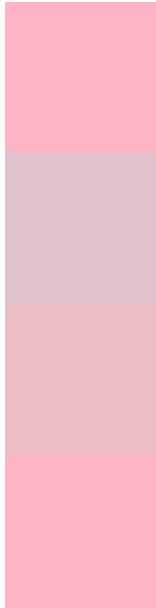
Dichromacy





Tritanopia
81, 29.009, 7.311

Trichromacy



Original Color
81, 29.180, 5.280

Protanomaly
81, 12.215, 351.898

Deuteranomaly
81, 17.226, 12.019

Tritanomaly
81, 29.090, 6.292

Monochromacy



Original Color
81, 29.180, 5.280

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.522, 2.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.578, 5.552 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.578, 5.552 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, 197) }
```

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

```
.border{ border-color:rgb(255, 181, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.578, 5.552 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
181, 197) }
```

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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