

Converting Colors

CIELCh(79, 29.898, 28.101)

Have a look what the booklet for
CIELCh(79, 29.898, 28.101) contains.

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Color

CIELCh(79, 29.676, 27.917)

Conversions

Conversions Part 1

Format	Color
Hex	FBB1AB
RGB	251, 177, 171
RGB Percent	98%, 69%, 67%
CMY	0.0155, 0.3056, 0.3292
CMYK	0.00, 0.29, 0.32, 0.02
HSL	5°, 91%, 83%
HSV	5°, 32%, 98%
XYZ	62.8937, 54.9284, 45.8423
YIQ	198.4420, 46.0300, 13.8220

Conversions

Conversions Part 2

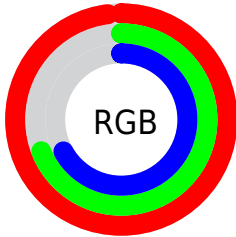
Format	Color
R _Y B	251, 177, 171
Decimal	16495019
CIE Lab	79.00, 26.22, 13.89
CIE LCh	79, 29.676, 27.917
Yxy	54.9284, 0.3843, 0.3356
Android (android.graphics.Color)	4294685099 (0xFFFB1AB)
YUV	198.4420, -13.5289, 46.0934
Hunter-Lab	74.1137, 21.7780, 15.2063

Details

The CIELCh color **79, 29.676, 27.917** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 23.580, 205.592**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.796, 43.871**, and **59, 29.700, 27.926** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.538, 28.990**, and if you desaturate by 10%, it is **85, 19.547, 27.133**.

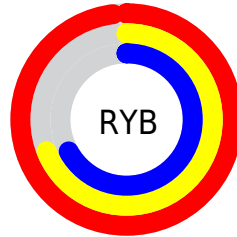
Distribution



Red (98%)

Green (69%)

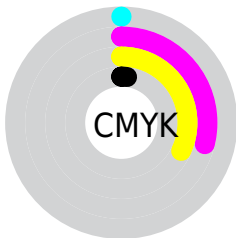
Blue (67%)



Red (98%)

Yellow (69%)

Blue (67%)

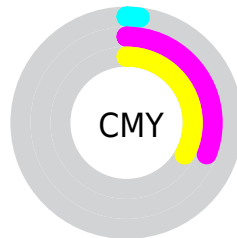


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (2%)



Cyan (2%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 29.676, 27.917 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 79, 29.676, 27.917 by changing the saturation by 10% instead.

79, 29.676, 27.917

79, 29.676, 27.917

100, 29.676,
27.917

69, 29.676, 27.917

99, 29.676, 27.917

59, 29.676, 27.917

49, 29.676, 27.917

39, 29.676, 27.917

29, 29.676, 27.917

19, 29.676, 27.917

9, 29.676, 27.917

0, 29.676, 27.917

79, 29.676, 27.917

79, 29.676, 27.917

73, 40.538, 28.990

85, 19.547, 27.133

68, 52.046, 30.418

91, 10.177, 26.543

63, 64.000, 32.277

97, 1.536, 25.783

59, 76.052, 34.582

100, 1.369,
199.803

56, 87.571, 37.172

54, 97.196, 39.456

53, 102.342,
40.605

Harmonies

Complementary

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



79, 29.676, 27.917



92, 23.580, 205.592

Rectangle

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



79, 29.676, 27.917



79, 29.676, 77.917



79, 29.676, 207.917



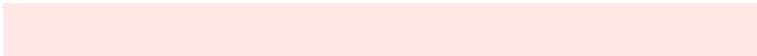
79, 29.676, 257.917

Sweetspot

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



79, 29.674, 27.922



94, 8.618, 26.446



80, 47.983, 328.105



49, 5.914, 26.519



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 29.674, 27.922



77, 36.719, 28.543



88, 27.414, 78.075



49, 4.809, 26.419



40, 82.329, 40.798



10, 30.698, 29.970

Inverse Universe

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



92, 23.580, 205.592



92, 27.708, 205.596



82, 25.992, 267.510



51, 4.521, 205.973



65, 36.376, 209.330



21, 16.620, 207.547

Previews

White Background



This preview shows how the CIELCh color 79, 29.676, 27.917 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 79, 29.676, 27.917 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 79, 29.676, 27.917

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.676, 27.917.

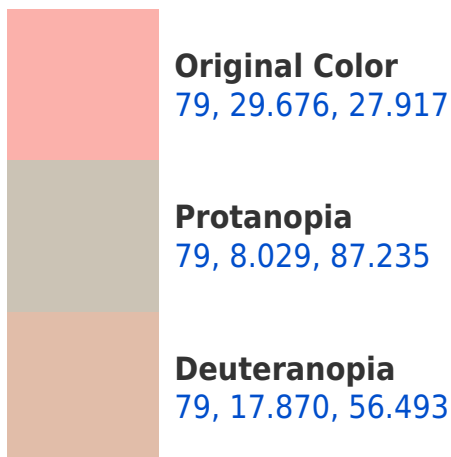


This preview shows how white text looks on a background with the CIELCh color 79, 29.676, 27.917.

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
79, 30.635, 9.287

Trichromacy



Original Color
79, 29.676, 27.917



Protanomaly
79, 13.774, 45.272



Deuteranomaly
79, 21.127, 42.763



Tritanomaly
79, 29.676, 15.924

Monochromacy



Original Color
79, 29.676, 27.917



Achromatopsia
80, 0.010, 296.813



Achromatomaly
80, 10.286, 26.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.676, 27.917 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(251, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 177, 171)  
}
```

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(251, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 177, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.676, 27.917 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(251, 177, 171) }
```

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

```
.border{ border-color:rgb(251, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 177,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.676, 27.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 177, 171) }
```

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

```
.background{ background-color: rgb(251,  
177, 171) }
```

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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