

Converting Colors

CIELCh(80, 27.167, 6.089)

Have a look what the booklet for
CIELCh(80, 27.167, 6.089) contains.

CIELCh(80, 27.170, 6.085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(80, 27.170, 6.085)

Conversions

Conversions Part 1

Format	Color
Hex	F9B4C2
RGB	249, 180, 194
RGB Percent	98%, 71%, 76%
CMY	0.0235, 0.2941, 0.2392
CMYK	0.00, 0.28, 0.22, 0.02
HSL	348°, 85%, 84%
HSV	348°, 28%, 98%
XYZ	65.1303, 56.6813, 58.5503
YIQ	202.2270, 36.6300, 18.9820

Conversions

Conversions Part 2

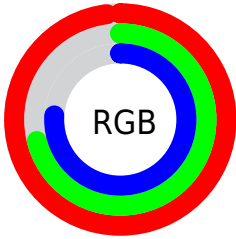
Format	Color
R _Y B	249, 180, 194
Decimal	16364738
CIE Lab	80.00, 27.02, 2.88
CIE LCh	80, 27.170, 6.085
Yxy	56.6813, 0.3611, 0.3143
Android (android.graphics.Color)	4294554818 (0xFFF9B4C2)
YUV	202.2270, -4.0559, 41.0199
Hunter-Lab	75.2870, 22.6669, 6.5914

Details

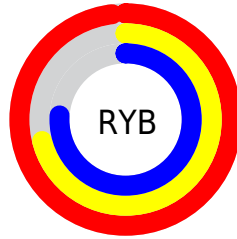
The CIELCh color **80, 27.170, 6.085** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 24.223, 180.448**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 9.861, 333.291**, and **60, 26.777, 6.852** is the 20% darker color. If you saturate the color by 10%, you get **74, 37.691, 7.653**, and if you desaturate by 10%, it is **86, 16.959, 4.794**.

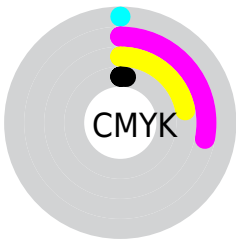
Distribution



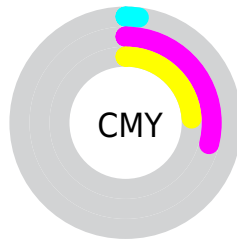
- Red (98%)
- Green (71%)
- Blue (76%)



- Red (98%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 27.170, 6.085 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 80, 27.170, 6.085 by changing the saturation by 10% instead.

 80, 27.170, 6.085

 80, 27.170, 6.085

 100, 27.170, 6.085

 70, 27.170, 6.085

 60, 27.170, 6.085


 50, 27.170, 6.085

 40, 27.170, 6.085

 30, 27.170, 6.085

 20, 27.170, 6.085

 10, 27.170, 6.085

 0, 27.170, 6.085

 80, 27.170, 6.085

 80, 27.170, 6.085

74, 37.691, 7.653

86, 16.959, 4.794

68, 48.302, 9.589

93, 7.193, 3.672

63, 58.661, 12.025

99, 2.074, 183.128

59, 68.349, 15.119

100, 2.078,
199.592

56, 76.975, 19.018

54, 84.350, 23.775

52, 90.597, 29.150

52, 91.992, 30.335

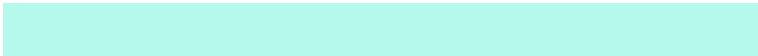
Harmonies

Complementary

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



80, 27.170, 6.085



93, 24.223, 180.448

Rectangle

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



80, 27.170, 6.085



80, 27.170, 56.085



80, 27.170, 186.085



80, 27.170, 236.085

Sweetspot

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



80, 27.167, 6.089



95, 7.617, 3.705



80, 41.106, 319.536



50, 5.435, 3.869



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 27.167, 6.089



78, 33.348, 6.884



84, 22.114, 48.032



49, 5.345, 3.867



39, 74.026, 29.327



9, 30.978, 17.636

Inverse Universe

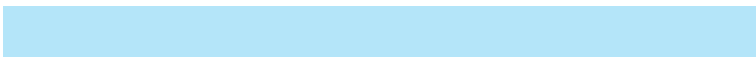
The Inverse Universe completely reimagines the original color for something new.



80, 27.167, 6.089



78, 33.348, 6.884



88, 18.609, 231.975



49, 5.345, 3.867



39, 74.026, 29.327



9, 30.978, 17.636

Previews

White Background



This preview shows how the CIELCh color 80, 27.170, 6.085 looks on a white background.

Color Contrast Check

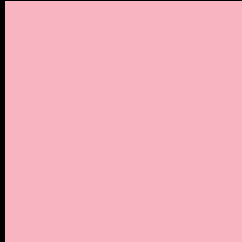
Large Text (above 18pt) WCAG AA × Fail

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 80, 27.170, 6.085 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 80, 27.170, 6.085

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.170, 6.085.



This preview shows how white text looks on a background with the CIELCh color 80, 27.170, 6.085.

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



Original Color

80, 27.170, 6.085

Protanopia

80, 3.396, 309.160

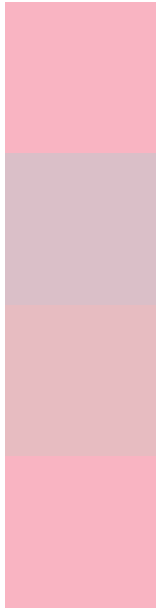
Deuteranopia

80, 10.564, 20.196



Tritanopia
80, 27.170, 6.085

Trichromacy



Original Color
80, 27.170, 6.085

Protanomaly
80, 11.115, 354.838

Deuteranomaly
80, 16.496, 11.551

Tritanomaly
80, 27.170, 6.085

Monochromacy



Original Color
80, 27.170, 6.085

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.681, 4.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.170, 6.085 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(249, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(249, 180, 194)  
}
```

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(249, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 180, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.170, 6.085 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(249, 180, 194) }
```

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

```
.border{ border-color:rgb(249, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(249, 180,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.170, 6.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 180, 194) }
```

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

```
.background{ background-color: rgb(249,  
180, 194) }
```

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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