

Converting Colors

CIELCh(81, 27.801, 21.284)

Have a look what the booklet for
CIELCh(81, 27.801, 21.284) contains.

CIELCh(81, 27.684, 21.699)	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(81, 27.684, 21.699)

Conversions

Conversions Part 1

Format	Color
Hex	FEB7B7
RGB	254, 183, 183
RGB Percent	100%, 72%, 72%
CMY	0.0032, 0.2816, 0.2817
CMYK	0.00, 0.28, 0.28, 0.00
HSL	0°, 98%, 86%
HSV	0°, 28%, 100%
XYZ	66.4761, 58.4711, 52.6765
YIQ	204.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

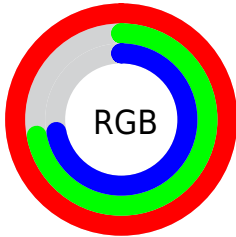
Format	Color
R _Y B	254, 183, 183
Decimal	16693175
CIE Lab	81.00, 25.72, 10.24
CIE LCh	81, 27.684, 21.699
Yxy	58.4711, 0.3743, 0.3292
Android (android.graphics.Color)	4294883255 (0xFFFE7B7)
YUV	204.2290, -10.4659, 43.6492
Hunter-Lab	76.4664, 21.3630, 12.6825

Details

The CIELCh color **81, 27.684, 21.699** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 22.854, 198.014**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.724, 19.680**, and **61, 27.549, 22.358** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.983, 23.055**, and if you desaturate by 10%, it is **88, 17.096, 20.664**.

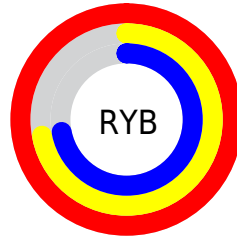
Distribution



Red (100%)

Green (72%)

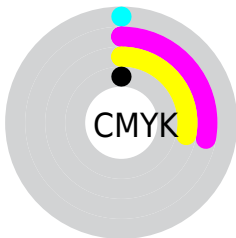
Blue (72%)



Red (100%)

Yellow (72%)

Blue (72%)

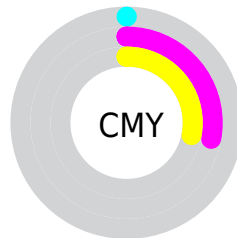


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.684, 21.699 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, 27.684, 21.699 by changing the saturation by 10% instead.

81, 27.684, 21.699

81, 27.684, 21.699

100, 27.684,
21.699

71, 27.684, 21.699

61, 27.684, 21.699

51, 27.684, 21.699

41, 27.684, 21.699

31, 27.684, 21.699

21, 27.684, 21.699

11, 27.684, 21.699

1, 27.684, 21.699

0, 27.684, 21.699

81, 27.684, 21.699

81, 27.684, 21.699

75, 38.983, 23.055

88, 17.096, 20.664

69, 50.864, 24.825

94, 7.270, 19.825

64, 63.069, 27.127

100, 0.282,
201.737

60, 75.218, 30.046

56, 86.777, 33.515

54, 96.782, 37.067

53, 103.264,
39.580

53, 104.322,
40.001

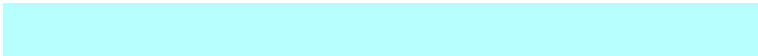
Harmonies

Complementary

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



81, 27.684, 21.699



95, 22.854, 198.014

Rectangle

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



81, 27.684, 21.699



81, 27.684, 71.699



81, 27.684, 201.699



81, 27.684, 251.699

Sweetspot

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



81, 27.682, 21.704



94, 7.348, 19.830



83, 44.524, 325.970



49, 5.253, 19.951



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, 27.682, 21.704



77, 34.544, 22.480



89, 23.179, 71.913



49, 5.253, 19.951



40, 84.228, 40.001



10, 33.366, 27.181

Inverse Universe

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



95, 22.854, 198.014



95, 27.209, 197.749



86, 21.451, 259.782



52, 4.945, 198.971



70, 40.360, 196.400



24, 18.568, 196.399

Previews

White Background



This preview shows how the CIELCh color 81, 27.684, 21.699 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, 27.684, 21.699 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, 27.684, 21.699

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.684, 21.699.

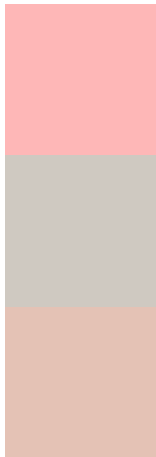


This preview shows how white text looks on a background with the CIELCh color 81, 27.684, 21.699.

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

81, 27.684, 21.699

Protanopia

81, 4.769, 81.822

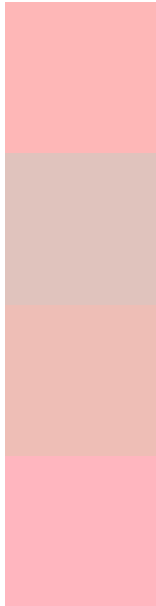
Deuteranopia

81, 14.913, 47.573



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 27.684, 21.699

Protanomaly
81, 11.498, 36.132

Deuteranomaly
81, 19.190, 33.437

Tritanomaly
81, 28.341, 12.292

Monochromacy



Original Color
81, 27.684, 21.699

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.754, 20.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.684, 21.699 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(254, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 183)  
}
```

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(254, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.684, 21.699 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(254, 183, 183) }
```

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

```
.border{ border-color:rgb(254, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.684, 21.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 183) }
```

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

```
.background{ background-color: rgb(254,  
183, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor