

Converting Colors

CIE LCh(84, 20.203, 18.362)

Have a look what the booklet for
CIELCh(84, 20.203, 18.362) contains.

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Color

CIELCh(84, 20.157, 19.493)

Conversions

Conversions Part 1

Format	Color
Hex	FAC5C6
RGB	250, 197, 198
RGB Percent	98%, 77%, 78%
CMY	0.0212, 0.2289, 0.2250
CMYK	0.00, 0.21, 0.21, 0.02
HSL	359°, 83%, 87%
HSV	359°, 21%, 98%
XYZ	69.3060, 64.0658, 61.9070
YIQ	212.9610, 31.2670, 11.5470

Conversions

Conversions Part 2

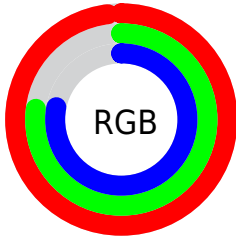
Format	Color
R _Y B	250, 197, 198
Decimal	16434630
CIE Lab	84.00, 19.00, 6.73
CIE LCh	84, 20.157, 19.493
Yxy	64.0658, 0.3549, 0.3281
Android (android.graphics.Color)	4294624710 (0xFFFFAC5C6)
YUV	212.9610, -7.3758, 32.4832
Hunter-Lab	80.0411, 14.4876, 10.1715

Details

The CIELCh color **84, 20.157, 19.493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 17.582, 196.638**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **64, 20.286, 19.876** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.762, 20.674**, and if you desaturate by 10%, it is **91, 10.258, 18.566**.

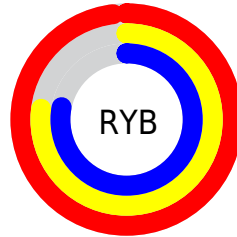
Distribution



Red (98%)

Green (77%)

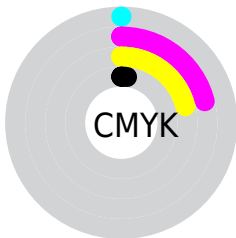
Blue (78%)



Red (98%)

Yellow (77%)

Blue (78%)

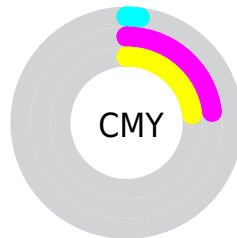


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (23%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 20.157, 19.493 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 84, 20.157, 19.493 by changing the saturation by 10% instead.

84, 20.157, 19.493

84, 20.157, 19.493

100, 20.157,
19.493

74, 20.157, 19.493

64, 20.157, 19.493

54, 20.157, 19.493

44, 20.157, 19.493

34, 20.157, 19.493

24, 20.157, 19.493

14, 20.157, 19.493

4, 20.157, 19.493

0, 20.157, 19.493

84, 20.157, 19.493

84, 20.157, 19.493

78, 30.762, 20.674

91, 10.258, 18.566

72, 42.000, 22.191

97, 1.077, 17.318

66, 53.692, 24.163

100, 1.876,
199.639

61, 65.544, 26.708

57, 77.156, 29.895

55, 87.988, 33.609

53, 97.043, 37.274

52, 102.141,
39.468

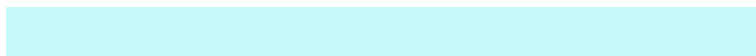
Harmonies

Complementary

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



84, 20.157, 19.493



95, 17.582, 196.638

Rectangle

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



84, 20.157, 19.493



84, 20.157, 69.493



84, 20.157, 199.493



84, 20.157, 249.493

Sweetspot

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



84, 20.155, 19.500



96, 5.469, 18.118



85, 33.041, 324.666



51, 3.636, 18.176



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 20.155, 19.500



83, 24.504, 19.912



90, 16.791, 69.178



49, 5.166, 18.419



39, 82.539, 39.250



9, 32.056, 25.390

Inverse Universe

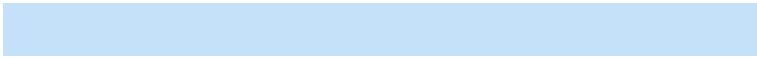
The Inverse Universe completely reimagines the original color for something new.



84, 20.155, 19.500



83, 24.504, 19.912



88, 15.672, 254.758



49, 5.166, 18.419



39, 82.539, 39.250



9, 32.056, 25.390

Previews

White Background



This preview shows how the CIELCh color 84, 20.157, 19.493 looks on a white background.

Color Contrast Check

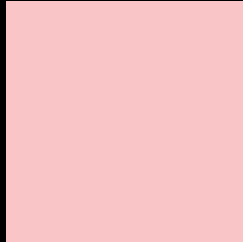
Large Text (above 18pt) WCAG AA × Fail

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 84, 20.157, 19.493 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 84, 20.157, 19.493

Background



This preview shows how black text looks on a background with the CIELCh color 84, 20.157, 19.493.

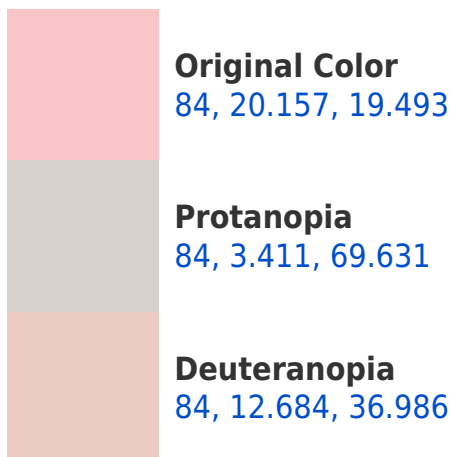


This preview shows how white text looks on a background with the CIELCh color 84, 20.157, 19.493.

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
84, 22.210, 0.574

Trichromacy



Original Color
84, 20.157, 19.493

Protanomaly
84, 9.010, 26.686

Deuteranomaly
84, 14.953, 28.500

Tritanomaly
84, 20.770, 8.018

Monochromacy



Original Color
84, 20.157, 19.493

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.012, 19.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 20.157, 19.493 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(250, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 197, 198)  
}
```

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(250, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 197, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 20.157, 19.493 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(250, 197, 198) }
```

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

```
.border{ border-color:rgb(250, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 197,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 20.157, 19.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 197, 198) }
```

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

```
.background{ background-color: rgb(250,  
197, 198) }
```

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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