

Converting Colors

CIELCh(85, 20.835, 19.630)

Have a look what the booklet for
CIELCh(85, 20.835, 19.630) contains.

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Color

CIELCh(85, 20.893, 19.596)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7C8
RGB	254, 199, 200
RGB Percent	100%, 78%, 78%
CMY	0.0044, 0.2200, 0.2161
CMYK	0.00, 0.22, 0.21, 0.00
HSL	359°, 96%, 89%
HSV	359°, 22%, 100%
XYZ	71.6378, 66.0070, 63.5388
YIQ	215.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

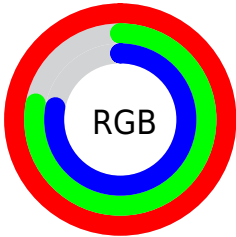
Format	Color
RYB	254, 199, 200
Decimal	16697288
CIELab	85.00, 19.68, 7.01
CIElCh	85, 20.893, 19.596
Yxy	66.0070, 0.3561, 0.3281
Android (android.graphics.Color)	4294887368 (0xFFFE7C8)
YUV	215.5590, -7.6706, 33.7128
Hunter-Lab	81.2447, 15.2147, 10.5026

Details

The CIELCh color **85, 20.893, 19.596** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.162, 196.676**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 21.059, 19.995** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.679, 20.790**, and if you desaturate by 10%, it is **92, 10.822, 18.661**.

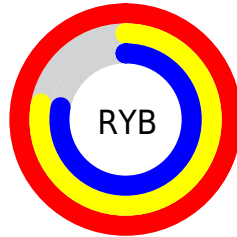
Distribution



Red (100%)

Green (78%)

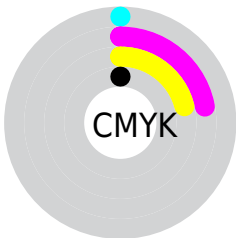
Blue (78%)



Red (100%)

Yellow (78%)

Blue (78%)

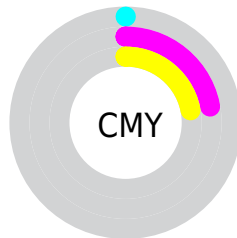


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 20.893, 19.596 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 85, 20.893, 19.596 by changing the saturation by 10% instead.

85, 20.893, 19.596

85, 20.893, 19.596

100, 20.893,
19.596

75, 20.893, 19.596

65, 20.893, 19.596

55, 20.893, 19.596

45, 20.893, 19.596

35, 20.893, 19.596

25, 20.893, 19.596

15, 20.893, 19.596

5, 20.893, 19.596

0, 20.893, 19.596

85, 20.893, 19.596

85, 20.893, 19.596

79, 31.679, 20.790

92, 10.822, 18.661

73, 43.104, 22.325

98, 1.483, 17.563

67, 54.980, 24.323

100, 0.389,
201.083

62, 67.003, 26.898

58, 78.760, 30.116

55, 89.692, 33.845

54, 98.731, 37.471

53, 103.510,
39.499

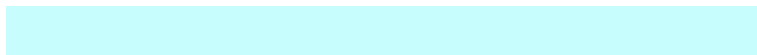
Harmonies

Complementary

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



85, 20.893, 19.596



96, 18.162, 196.676

Rectangle

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



85, 20.893, 19.596



85, 20.893, 69.596



85, 20.893, 199.596



85, 20.893, 249.596

Sweetspot

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



85, 20.891, 19.602



96, 5.469, 18.176



86, 34.189, 324.690



51, 3.636, 18.234



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 20.891, 19.602



83, 25.580, 20.082



91, 17.395, 69.124



49, 5.252, 18.478



40, 83.413, 39.289



10, 33.217, 26.455

Inverse Universe

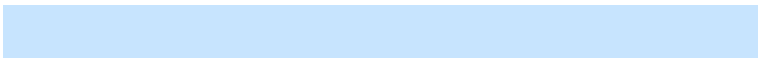
The Inverse Universe completely reimagines the original color for something new.



85, 20.891, 19.602



83, 25.580, 20.082



89, 16.209, 254.835



49, 5.252, 18.478



40, 83.413, 39.289



10, 33.217, 26.455

Previews

White Background



This preview shows how the CIELCh color 85, 20.893, 19.596 looks on a white background.

Color Contrast Check

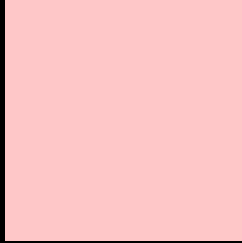
Large Text (above 18pt) WCAG AA × Fail

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 85, 20.893, 19.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

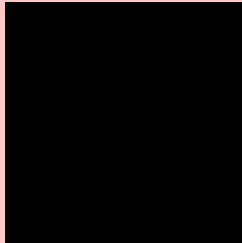
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 20.893, 19.596

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.893, 19.596.

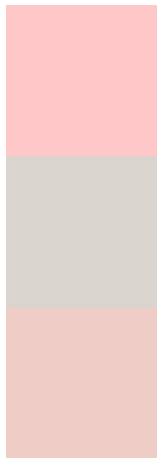


This preview shows how white text looks on a background with the CIELCh color 85, 20.893, 19.596.

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

85, 20.893, 19.596

Protanopia

85, 3.402, 69.637

Deuteranopia

85, 12.865, 34.330



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 20.893, 19.596

Protanomaly
85, 9.075, 29.938

Deuteranomaly
85, 15.690, 28.151

Tritanomaly
85, 21.927, 7.446

Monochromacy



Original Color
85, 20.893, 19.596

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.381, 15.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.893, 19.596 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, 199, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 200)  
}
```

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, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.893, 19.596 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, 199, 200) }
```

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

```
.border{ border-color:rgb(254, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.893, 19.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 200) }
```

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

```
.background{ background-color: rgb(254,  
199, 200) }
```

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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