

Converting Colors

CIELCh(85, 20.986, 17.970)

Have a look what the booklet for
CIELCh(85, 20.986, 17.970) contains.

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Color

CIELCh(85, 20.869, 18.174)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7C9
RGB	254, 199, 201
RGB Percent	100%, 78%, 79%
CMY	0.0047, 0.2203, 0.2125
CMYK	0.00, 0.22, 0.21, 0.00
HSL	358°, 96%, 89%
HSV	358°, 22%, 100%
XYZ	71.7063, 66.0070, 64.1086
YIQ	215.6730, 32.1380, 12.2820

Conversions

Conversions Part 2

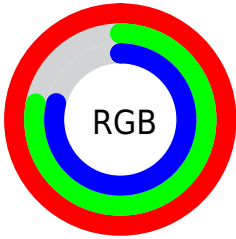
Format	Color
RYB	254, 199, 201
Decimal	16697289
CIELab	85.00, 19.83, 6.51
CIELCh	85, 20.869, 18.174
Yxy	66.0070, 0.3553, 0.3271
Android (android.graphics.Color)	4294887369 (0xFFFE7C9)
YUV	215.6730, -7.2338, 33.6128
Hunter-Lab	81.2447, 15.3652, 10.0867

Details

The CIELCh color **85, 20.869, 18.174** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.232, 195.052**, 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, 21.021, 18.509** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.596, 19.407**, and if you desaturate by 10%, it is **92, 10.825, 17.198**.

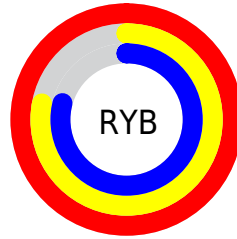
Distribution



Red (100%)

Green (78%)

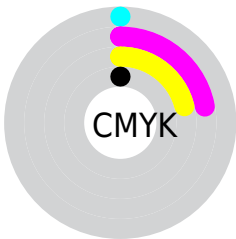
Blue (79%)



Red (100%)

Yellow (78%)

Blue (79%)

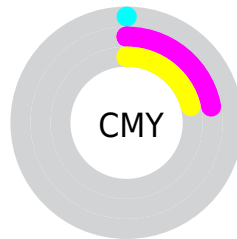


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 20.869, 18.174 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, 20.869, 18.174 by changing the saturation by 10% instead.

 85, 20.869, 18.174

 85, 20.869, 18.174

 100, 20.869,
18.174

 75, 20.869, 18.174

 65, 20.869, 18.174

 55, 20.869, 18.174

 45, 20.869, 18.174

 35, 20.869, 18.174

 25, 20.869, 18.174

 15, 20.869, 18.174

 5, 20.869, 18.174

 0, 20.869, 18.174

85, 20.869, 18.174

85, 20.869, 18.174

79, 31.596, 19.407

92, 10.825, 17.198

73, 42.921, 20.980

98, 1.488, 16.062

67, 54.648, 23.015

100, 0.414,
200.981

62, 66.471, 25.633

58, 77.987, 28.914

55, 88.697, 32.765

54, 97.739, 36.662

53, 102.808,
39.010

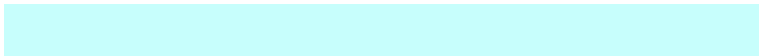
Harmonies

Complementary

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



85, 20.869, 18.174



96, 18.232, 195.052

Rectangle

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



85, 20.869, 18.174



85, 20.869, 68.174



85, 20.869, 198.174



85, 20.869, 248.174

Sweetspot

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



85, 20.867, 18.180



96, 5.473, 16.690



86, 34.028, 324.216



51, 3.639, 16.751



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

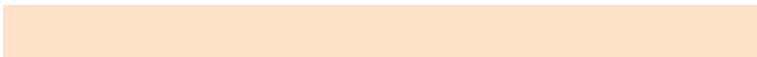
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 20.867, 18.180



83, 25.536, 18.677



91, 17.277, 67.290



49, 5.254, 17.006



40, 82.655, 38.604



10, 33.071, 25.724

Inverse Universe

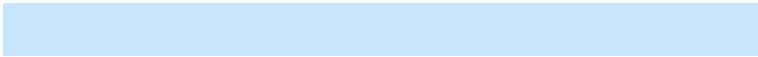
The Inverse Universe completely reimagines the original color for something new.



85, 20.867, 18.180



83, 25.536, 18.677



90, 15.999, 252.868



49, 5.254, 17.006



40, 82.655, 38.604



10, 33.071, 25.724

Previews

White Background



This preview shows how the CIELCh color 85, 20.869, 18.174 looks on a white background.

Color Contrast Check

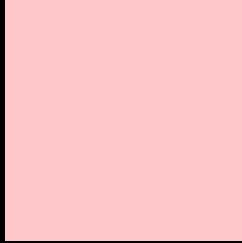
Large Text (above 18pt) WCAG AA × Fail

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, 20.869, 18.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

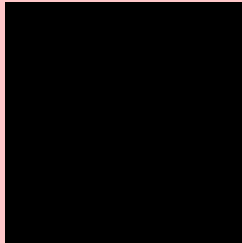
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

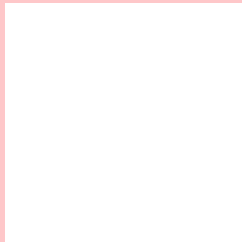
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 20.869, 18.174

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.869, 18.174.

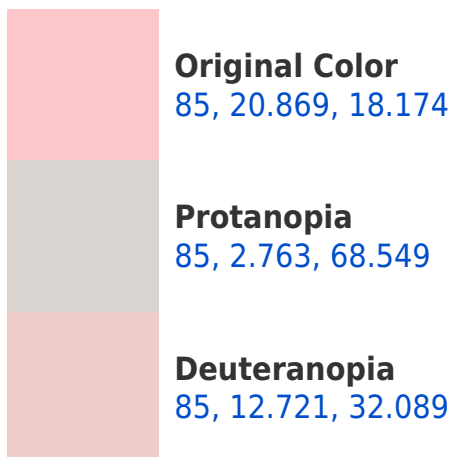


This preview shows how white text looks on a background with the CIELCh color 85, 20.869, 18.174.

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
85, 22.877, 1.299

Trichromacy



Original Color
85, 20.869, 18.174

Protanomaly
85, 8.607, 26.943

Deuteranomaly
85, 15.597, 26.279

Tritanomaly
85, 21.927, 7.446

Monochromacy



Original Color
85, 20.869, 18.174

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, 20.869, 18.174 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.869, 18.174 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, 201) }
```

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

```
.border{ border-color:rgb(254, 199, 201) }
```

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, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.869, 18.174 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, 201) }
```

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

```
.background{ background-color: rgb(254,  
199, 201) }
```

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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