

Converting Colors

CIELCh(89, 35.125, 22.374)

Have a look what the booklet for
CIELCh(89, 35.125, 22.374) contains.

CIELCh(85, 20.909, 21.006)	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(85, 20.909, 21.006)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7C7
RGB	254, 199, 199
RGB Percent	100%, 78%, 78%
CMY	0.0043, 0.2197, 0.2197
CMYK	0.00, 0.22, 0.22, 0.00
HSL	0°, 96%, 89%
HSV	0°, 22%, 100%
XYZ	71.5606, 66.0070, 62.9839
YIQ	215.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

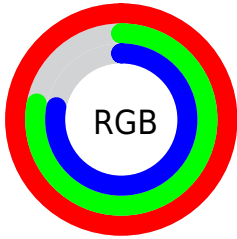
Format	Color
RYB	254, 199, 199
Decimal	16697287
CIELab	85.00, 19.52, 7.50
CIElCh	85, 20.909, 21.006
Yxy	66.0070, 0.3568, 0.3291
Android (android.graphics.Color)	4294887367 (0xFFFE7C7)
YUV	215.4450, -8.1074, 33.8127
Hunter-Lab	81.2447, 15.0451, 10.9075

Details

The CIELCh color **85, 20.909, 21.006** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.091, 198.305**, 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, 20.695, 21.433** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.758, 22.156**, and if you desaturate by 10%, it is **92, 10.807, 20.116**.

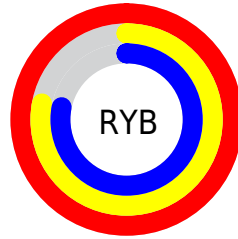
Distribution



Red (100%)

Green (78%)

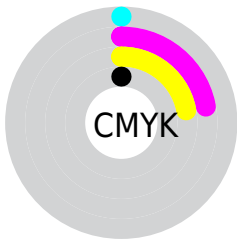
Blue (78%)



Red (100%)

Yellow (78%)

Blue (78%)

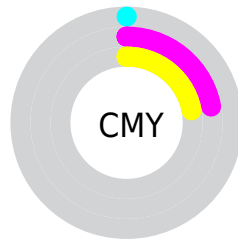


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 20.909, 21.006 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, 20.909, 21.006 by changing the saturation by 10% instead.



85, 20.909, 21.006

85, 20.909, 21.006

79, 31.758, 22.156

92, 10.807, 20.116

73, 43.286, 23.649

98, 1.462, 19.055

67, 55.312, 25.603

100, 0.379,
201.130

62, 67.537, 28.128

58, 79.531, 31.273

55, 90.661, 34.862

54, 99.625, 38.184

53, 104.236,
40.000

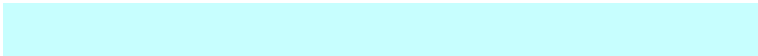
Harmonies

Complementary

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



85, 20.909, 21.006



96, 18.091, 198.305

Rectangle

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



85, 20.909, 21.006



85, 20.909, 71.006



85, 20.909, 201.006



85, 20.909, 251.006

Sweetspot

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



85, 20.907, 21.013



96, 5.468, 19.657



87, 34.485, 325.627



51, 3.636, 19.713



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

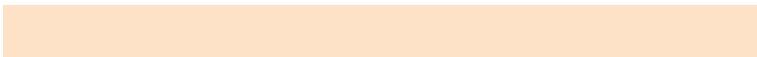
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 20.907, 21.013



82, 25.641, 21.476



92, 17.666, 72.706



49, 5.254, 19.944



40, 84.229, 40.000



10, 33.367, 27.177

Inverse Universe

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



96, 18.091, 198.305



96, 21.482, 198.095



89, 16.667, 258.616



52, 4.945, 198.963



70, 40.364, 196.388



24, 18.570, 196.387

Previews

White Background



This preview shows how the CIELCh color 85, 20.909, 21.006 looks on a white background.

Color Contrast Check

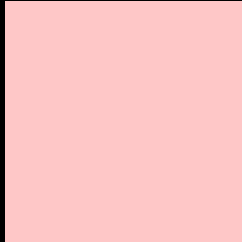
Large Text (above 18pt) WCAG AA × Fail

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, 20.909, 21.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

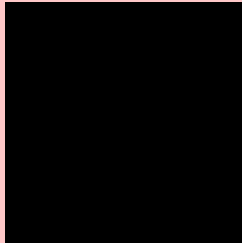
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 20.909, 21.006

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.909, 21.006.

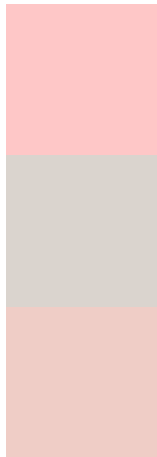


This preview shows how white text looks on a background with the CIELCh color 85, 20.909, 21.006.

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, 20.931, 21.014

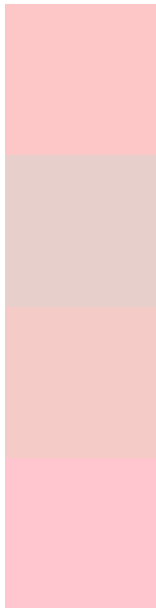
Protanopia
85, 3.820, 74.650

Deuteranopia
85, 13.400, 36.077



Tritanopia
85, 22.877, 1.299

Trichromacy



Original Color
85, 20.931, 21.014

Protanomaly
85, 9.196, 33.121

Deuteranomaly
85, 15.801, 29.999

Tritanomaly
85, 21.849, 8.789

Monochromacy



Original Color
85, 20.931, 21.014

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.372, 19.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.909, 21.006 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, 199)` looks like.

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

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, 199) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 85, 20.909, 21.006 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, 199) }
```

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

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

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, 199)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 85, 20.909, 21.006 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, 199) }
```

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

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

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