

Converting Colors

CIELCh(84, 22.387, 21.138)

Have a look what the booklet for
CIELCh(84, 22.387, 21.138) contains.

CIELCh(84, 22.592, 21.175)	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(84, 22.592, 21.175)

Conversions

Conversions Part 1

Format	Color
Hex	FEC3C3
RGB	254, 195, 195
RGB Percent	100%, 76%, 76%
CMY	0.0038, 0.2351, 0.2352
CMYK	0.00, 0.23, 0.23, 0.00
HSL	0°, 97%, 88%
HSV	0°, 23%, 100%
XYZ	70.2644, 64.0658, 60.3131
YIQ	212.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

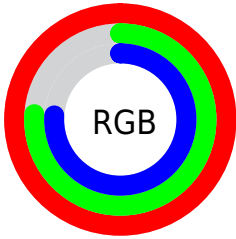
Format	Color
RYB	254, 195, 195
Decimal	16696259
CIELab	84.00, 21.07, 8.16
CIELCh	84, 22.592, 21.175
Yxy	64.0658, 0.3610, 0.3291
Android (android.graphics.Color)	4294886339 (0xFFFE3C3)
YUV	212.6410, -8.6970, 36.2718
Hunter-Lab	80.0411, 16.6250, 11.3522

Details

The CIELCh color **84, 22.592, 21.175** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.321, 198.235**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.053, 18.850**, and **64, 22.490, 21.662** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.560, 22.373**, and if you desaturate by 10%, it is **91, 12.366, 20.253**.

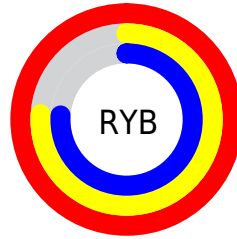
Distribution



Red (100%)

Green (76%)

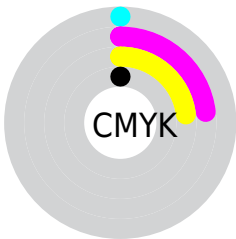
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

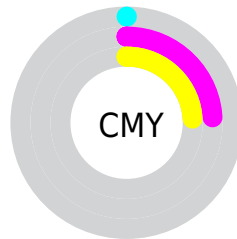


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 22.592, 21.175 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, 22.592, 21.175 by changing the saturation by 10% instead.

84, 22.592, 21.175

84, 22.592, 21.175

100, 22.592,
21.175

74, 22.592, 21.175

64, 22.592, 21.175

54, 22.592, 21.175

44, 22.592, 21.175

34, 22.592, 21.175

24, 22.592, 21.175

14, 22.592, 21.175

4, 22.592, 21.175

0, 22.592, 21.175

84, 22.592, 21.175

84, 22.592, 21.175

78, 33.560, 22.373

91, 12.366, 20.253

72, 45.186, 23.931

97, 2.899, 19.381

66, 57.272, 25.969

100, 0.334,
201.370

61, 69.497, 28.592

58, 81.411, 31.827

55, 92.317, 35.439

54, 100.733,
38.601

53, 104.275,
40.001

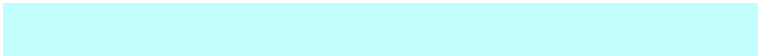
Harmonies

Complementary

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



84, 22.592, 21.175



96, 19.321, 198.235

Rectangle

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



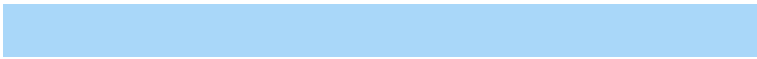
84, 22.592, 21.175



84, 22.592, 71.175



84, 22.592, 201.175



84, 22.592, 251.175

Sweetspot

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



84, 22.590, 21.181



95, 6.404, 19.748



86, 37.032, 325.715



50, 4.171, 19.797



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, 22.590, 21.181



81, 27.823, 21.712



91, 19.044, 72.507



49, 5.253, 19.950



40, 84.228, 40.001



10, 33.366, 27.180

Inverse Universe

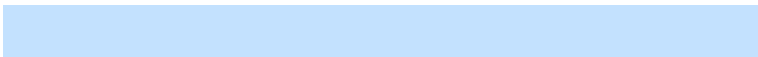
The Inverse Universe completely reimagines the original color for something new.



96, 19.321, 198.235



96, 22.959, 198.010



88, 17.881, 258.898



52, 4.945, 198.970



70, 40.360, 196.400



24, 18.568, 196.398

Previews

White Background



This preview shows how the CIELCh color 84, 22.592, 21.175 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, 22.592, 21.175 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, 22.592, 21.175

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.592, 21.175.

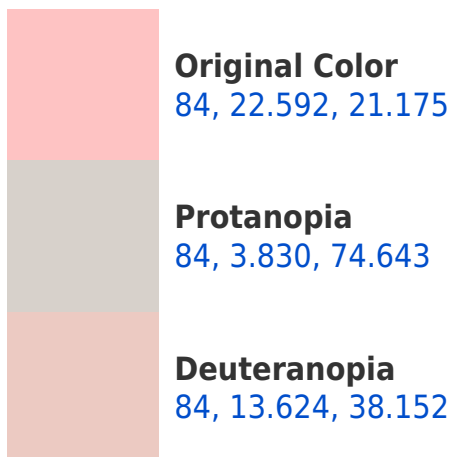


This preview shows how white text looks on a background with the CIELCh color 84, 22.592, 21.175.

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](#).

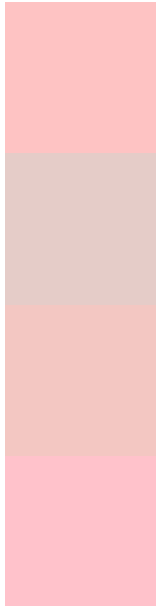
Dichromacy





Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 22.592, 21.175

Protanomaly
84, 9.597, 32.632

Deuteranomaly
84, 17.031, 29.444

Tritanomaly
84, 23.441, 9.786

Monochromacy



Original Color
84, 22.592, 21.175

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.146, 19.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.592, 21.175 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, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 195)  
}
```

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, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.592, 21.175 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, 195, 195) }
```

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

```
.border{ border-color:rgb(254, 195, 195) }
```

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

Here you see how a box with a 4 pixel rgb(254, 195, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.592, 21.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 195) }
```

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

```
.background{ background-color: rgb(254,  
195, 195) }
```

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