

Converting Colors

CIE LCh(84, 21.970, 21.108)

Have a look what the booklet for
CIELCh(84, 21.970, 21.108) contains.

CIELCh(84, 22.199, 21.143)	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, 22.199, 21.143)

Conversions

Conversions Part 1

Format	Color
Hex	FDC3C3
RGB	253, 195, 195
RGB Percent	99%, 76%, 76%
CMY	0.0066, 0.2341, 0.2341
CMYK	0.00, 0.23, 0.23, 0.01
HSL	0°, 95%, 88%
HSV	0°, 23%, 99%
XYZ	70.0957, 64.0658, 60.4823
YIQ	212.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

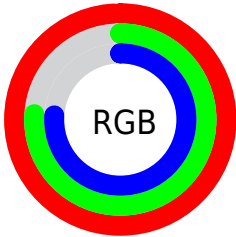
Format	Color
R _Y B	253, 195, 195
Decimal	16630723
CIE Lab	84.00, 20.70, 8.01
CIE LCh	84, 22.199, 21.143
Yxy	64.0658, 0.3601, 0.3291
Android (android.graphics.Color)	4294820803 (0xFFFDC3C3)
YUV	212.3420, -8.5496, 35.6571
Hunter-Lab	80.0411, 16.2489, 11.2268

Details

The CIELCh color **84, 22.199, 21.143** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.030, 198.253**, 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, 22.071, 21.618** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.118, 22.331**, and if you desaturate by 10%, it is **91, 12.021, 20.228**.

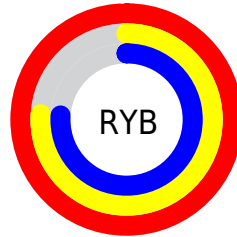
Distribution



Red (99%)

Green (76%)

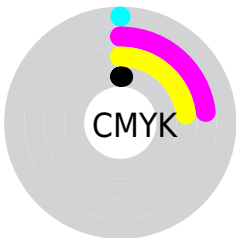
Blue (76%)



Red (99%)

Yellow (76%)

Blue (76%)

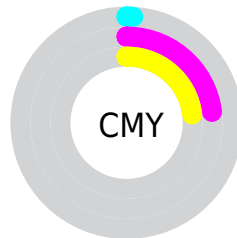


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (1%)



Cyan (1%)

Magenta (23%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 22.199, 21.143 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, 22.199, 21.143 by changing the saturation by 10% instead.

 84, 22.199, 21.143

 84, 22.199, 21.143

 100, 22.199,
21.143

 74, 22.199, 21.143

 64, 22.199, 21.143

 54, 22.199, 21.143

 44, 22.199, 21.143

 34, 22.199, 21.143

 24, 22.199, 21.143

 14, 22.199, 21.143

 4, 22.199, 21.143

 0, 22.199, 21.143

84, 22.199, 21.143

84, 22.199, 21.143

78, 33.118, 22.331

91, 12.021, 20.228

72, 44.699, 23.874

97, 2.600, 19.337

66, 56.746, 25.894

100, 0.581,
200.508

61, 68.946, 28.496

58, 80.851, 31.712

55, 91.784, 35.319

53, 100.303,
38.518

53, 104.054,
40.001

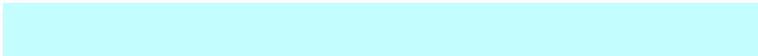
Harmonies

Complementary

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



84, 22.199, 21.143



96, 19.030, 198.253

Rectangle

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



84, 22.199, 21.143



84, 22.199, 71.143



84, 22.199, 201.143



84, 22.199, 251.143

Sweetspot

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



84, 22.197, 21.149



95, 6.404, 19.750



86, 36.436, 325.697



50, 4.171, 19.799



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, 22.197, 21.149



82, 26.727, 21.597



91, 18.722, 72.548



49, 5.253, 19.952



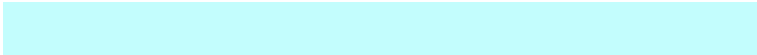
40, 84.228, 40.001



10, 33.365, 27.182

Inverse Universe

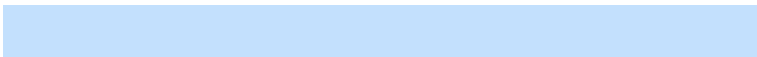
The Inverse Universe completely reimagines the original color for something new.



96, 19.030, 198.253



96, 22.223, 198.058



88, 17.596, 258.840



52, 4.945, 198.973



70, 40.358, 196.404



24, 18.567, 196.402

Previews

White Background



This preview shows how the CIELCh color 84, 22.199, 21.143 looks on a white background.

Color Contrast Check

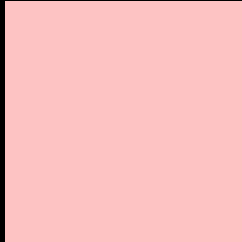
Large Text (above 18pt) WCAG AA × Fail

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, 22.199, 21.143 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, 22.199, 21.143

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.199, 21.143.

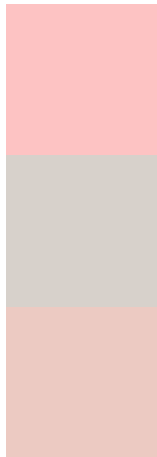


This preview shows how white text looks on a background with the CIELCh color 84, 22.199, 21.143.

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

84, 22.199, 21.143

Protanopia

84, 3.830, 74.643

Deuteranopia

84, 13.624, 38.152



Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 22.199, 21.143

Protanomaly
84, 9.597, 32.632

Deuteranomaly
84, 16.366, 31.584

Tritanomaly
84, 23.064, 9.558

Monochromacy



Original Color
84, 22.199, 21.143

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.762, 19.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.199, 21.143 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(253, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 195, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.199, 21.143 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(253, 195, 195) }
```

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

```
.border{ border-color:rgb(253, 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(253, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(253, 195,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.199, 21.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 195, 195) }
```

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

```
.background{ background-color: rgb(253,  
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](#).

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