

Converting Colors

CIELCh(84, 22.833, 21.961)

Have a look what the booklet for
CIELCh(84, 22.833, 21.961) contains.

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Color

CIELCh(84, 22.647, 22.484)

Conversions

Conversions Part 1

Format	Color
Hex	FEC3C2
RGB	254, 195, 194
RGB Percent	100%, 76%, 76%
CMY	0.0035, 0.2349, 0.2388
CMYK	0.00, 0.23, 0.24, 0.00
HSL	1°, 97%, 88%
HSV	1°, 24%, 100%
XYZ	70.1986, 64.0658, 59.7638
YIQ	212.5270, 35.4850, 12.1970

Conversions

Conversions Part 2

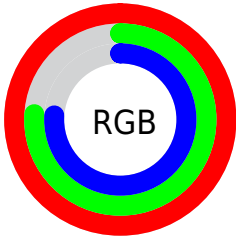
Format	Color
RYB	254, 195, 194
Decimal	16696258
CIELab	84.00, 20.93, 8.66
CIELCh	84, 22.647, 22.484
Yxy	64.0658, 0.3618, 0.3302
Android (android.graphics.Color)	4294886338 (0xFFFECC3C2)
YUV	212.5270, -9.1338, 36.3718
Hunter-Lab	80.0411, 16.4783, 11.7591

Details

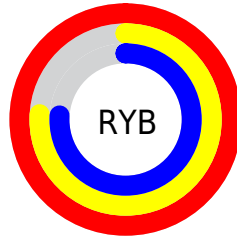
The CIELCh color **84, 22.647, 22.484** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.284, 199.774**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.449, 63.328**, and **64, 22.563, 23.045** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.497, 23.616**, and if you desaturate by 10%, it is **91, 12.544, 21.619**.

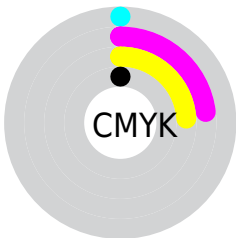
Distribution



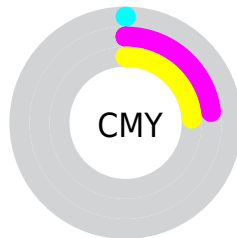
- Red (100%)
- Green (76%)
- Blue (76%)



- Red (100%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 22.647, 22.484 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, 22.647, 22.484 by changing the saturation by 10% instead.

 84, 22.647, 22.484

 84, 22.647, 22.484

 100, 22.647,
22.484

 74, 22.647, 22.484

 64, 22.647, 22.484

 54, 22.647, 22.484

 44, 22.647, 22.484

 34, 22.647, 22.484

 24, 22.647, 22.484

 14, 22.647, 22.484

 4, 22.647, 22.484

 0, 22.647, 22.484

84, 22.647, 22.484

84, 22.647, 22.484

78, 33.497, 23.616

91, 12.544, 21.619

72, 45.024, 25.096

97, 3.199, 20.819

66, 57.046, 27.033

100, 0.310,
201.525

62, 69.265, 29.524

58, 81.237, 32.585

55, 92.244, 35.974

54, 100.730,
38.873

53, 104.097,
40.118

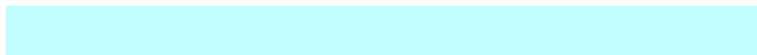
Harmonies

Complementary

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



84, 22.647, 22.484



96, 19.284, 199.774

Rectangle

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



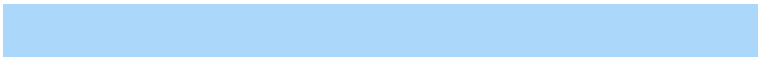
84, 22.647, 22.484



84, 22.647, 72.484



84, 22.647, 202.484



84, 22.647, 252.484

Sweetspot

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



84, 22.645, 22.490



95, 6.298, 21.120



85, 37.240, 326.192



50, 4.102, 21.166



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, 22.645, 22.490



81, 27.392, 22.948



91, 19.565, 74.194



50, 5.167, 21.309



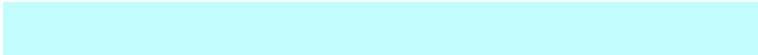
40, 83.998, 40.169



10, 33.020, 27.993

Inverse Universe

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



96, 19.284, 199.774



95, 22.562, 199.600



88, 18.472, 260.783



52, 4.861, 200.438



69, 39.418, 199.033



23, 18.185, 198.708

Previews

White Background



This preview shows how the CIELCh color 84, 22.647, 22.484 looks on a white background.

Color Contrast Check

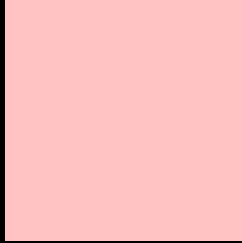
Large Text (above 18pt) WCAG AA × Fail

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, 22.647, 22.484 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, 22.647, 22.484

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.647, 22.484.

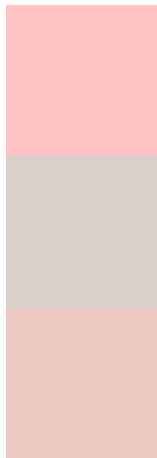


This preview shows how white text looks on a background with the CIELCh color 84, 22.647, 22.484.

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, 22.647, 22.484

Protanopia

84, 4.273, 78.632

Deuteranopia

84, 13.822, 40.167



Tritanopia
84, 24.393, 2.722

Trichromacy



Original Color
84, 22.647, 22.484

Protanomaly
84, 9.743, 35.607

Deuteranomaly
84, 17.156, 31.139

Tritanomaly
84, 23.441, 9.786

Monochromacy



Original Color
84, 22.647, 22.484

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, 22.647, 22.484 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.647, 22.484 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, 194) }
```

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

```
.border{ border-color:rgb(254, 195, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.647, 22.484 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, 194) }
```

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

```
.background{ background-color: rgb(254,  
195, 194) }
```

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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