

Converting Colors

CIELCh(84, 19.852, 22.432)

Have a look what the booklet for
CIELCh(84, 19.852, 22.432) contains.

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Color

CIELCh(84, 19.852, 22.432)

Conversions

Conversions Part 1

Format	Color
Hex	F9C5C4
RGB	249, 197, 196
RGB Percent	98%, 77%, 77%
CMY	0.0235, 0.2274, 0.2313
CMYK	0.00, 0.21, 0.21, 0.02
HSL	1°, 82%, 87%
HSV	1°, 21%, 98%
XYZ	69.0053, 64.0658, 60.9602
YIQ	212.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

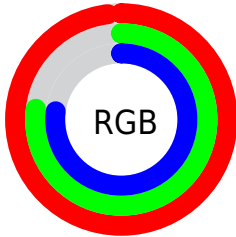
Format	Color
R _Y B	249, 197, 196
Decimal	16369092
CIE Lab	84.00, 18.35, 7.58
CIE LCh	84, 19.852, 22.432
Yxy	64.0658, 0.3556, 0.3302
Android (android.graphics.Color)	4294559172 (0xFFFF9C5C4)
YUV	212.4340, -8.1020, 32.0684
Hunter-Lab	80.0411, 13.8170, 10.8728

Details

The CIELCh color **84, 19.852, 22.432** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 17.199, 200.080**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.604, 74.594**, and **64, 19.985, 22.940** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.336, 23.485**, and if you desaturate by 10%, it is **90, 10.110, 21.622**.

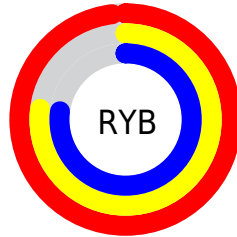
Distribution



Red (98%)

Green (77%)

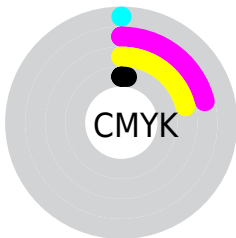
Blue (77%)



Red (98%)

Yellow (77%)

Blue (77%)

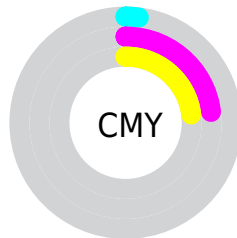


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (23%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 19.852, 22.432 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, 19.852, 22.432 by changing the saturation by 10% instead.

 84, 19.852, 22.432

 84, 19.852, 22.432

 100, 19.852,
22.432

 74, 19.852, 22.432

 64, 19.852, 22.432

 54, 19.852, 22.432

 44, 19.852, 22.432

 34, 19.852, 22.432

 24, 19.852, 22.432

 14, 19.852, 22.432

 4, 19.852, 22.432

 0, 19.852, 22.432

84, 19.852, 22.432

84, 19.852, 22.432

78, 30.336, 23.485

90, 10.110, 21.622

72, 41.512, 24.858

97, 1.106, 20.498

66, 53.233, 26.659

100, 2.077,
199.593

62, 65.236, 28.990

58, 77.128, 31.894

55, 88.296, 35.218

53, 97.485, 38.319

52, 102.479,
40.137

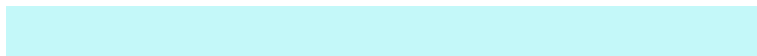
Harmonies

Complementary

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



84, 19.852, 22.432



94, 17.199, 200.080

Rectangle

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



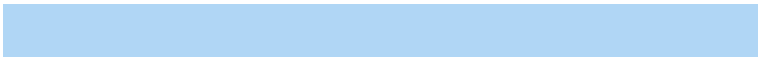
84, 19.852, 22.432



84, 19.852, 72.432



84, 19.852, 202.432



84, 19.852, 252.432

Sweetspot

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



84, 19.850, 22.439



96, 5.365, 21.227



85, 33.019, 326.062



51, 3.568, 21.279



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, 19.850, 22.439



83, 25.187, 22.901



90, 17.256, 74.495



49, 5.071, 21.490



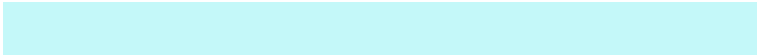
39, 83.128, 40.194



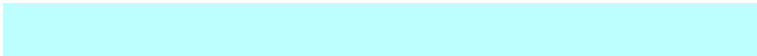
9, 31.791, 27.102

Inverse Universe

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



94, 17.199, 200.080



95, 21.062, 199.890



87, 16.396, 260.364



51, 4.771, 200.637



68, 38.908, 199.389



22, 17.662, 199.001

Previews

White Background



This preview shows how the CIELCh color 84, 19.852, 22.432 looks on a white background.

Color Contrast Check

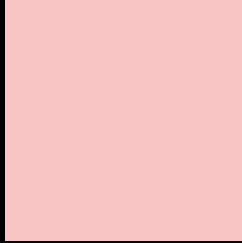
Large Text (above 18pt) WCAG AA × Fail

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, 19.852, 22.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

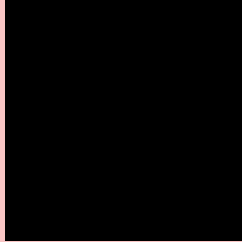
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 19.852, 22.432

Background



This preview shows how black text looks on a background with the CIELCh color 84, 19.852, 22.432.

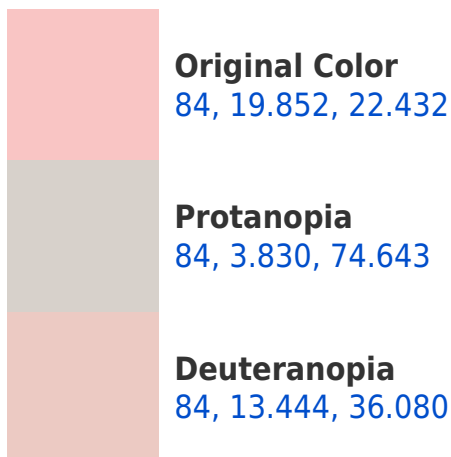


This preview shows how white text looks on a background with the CIELCh color 84, 19.852, 22.432.

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](#).

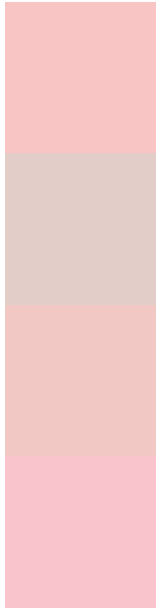
Dichromacy





Tritanopia
84, 22.210, 0.574

Trichromacy



Original Color
84, 19.852, 22.432

Protanomaly
84, 8.635, 37.578

Deuteranomaly
84, 15.853, 30.009

Tritanomaly
84, 20.770, 8.018

Monochromacy



Original Color
84, 19.852, 22.432

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.668, 24.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 19.852, 22.432 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(249, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 196)  
}
```

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(249, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 19.852, 22.432 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(249, 197, 196) }
```

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

```
.border{ border-color:rgb(249, 197, 196) }
```

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

Here you see how a box with a 4 pixel rgb(249, 197, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 19.852, 22.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 196) }
```

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

```
.background{ background-color: rgb(249,  
197, 196) }
```

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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