

Converting Colors

CIELCh(84, 21.802, 57.960)

Have a look what the booklet for
CIELCh(84, 21.802, 57.960) contains.

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Color

CIELCh(84, 21.959, 58.424)

Conversions

Conversions Part 1

Format	Color
Hex	F4C9AF
RGB	244, 201, 175
RGB Percent	96%, 79%, 69%
CMY	0.0433, 0.2119, 0.3139
CMYK	0.00, 0.18, 0.28, 0.04
HSL	23°, 76%, 82%
HSV	23°, 28%, 96%
XYZ	65.8969, 64.0658, 49.4244
YIQ	210.8930, 33.9740, 1.0300

Conversions

Conversions Part 2

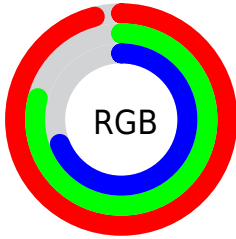
Format	Color
RYB	244, 217, 175
Decimal	16042415
CIELab	84.00, 11.50, 18.71
CIElCh	84, 21.959, 58.424
Yxy	64.0658, 0.3673, 0.3571
Android (<code>android.graphics.Color</code>)	4294232495 (<code>0xFFFF4C9AF</code>)
YUV	210.8930, -17.6952, 29.0348
Hunter-Lab	80.0411, 6.8850, 19.4179

Details

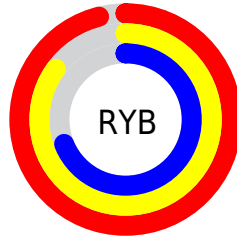
The CIELCh color **84, 21.959, 58.424** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 19.106, 244.761**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **64, 22.198, 58.772** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.772, 57.587**, and if you desaturate by 10%, it is **88, 13.717, 59.319**.

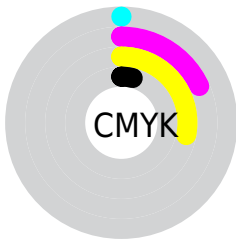
Distribution



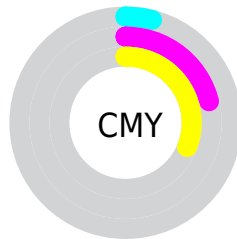
- Red (96%)
- Green (79%)
- Blue (69%)



- Red (96%)
- Yellow (85%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (28%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 21.959, 58.424 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, 21.959, 58.424 by changing the saturation by 10% instead.

 84, 21.959, 58.424

 84, 21.959, 58.424

 100, 21.959,
58.424

 74, 21.959, 58.424

 64, 21.959, 58.424

 54, 21.959, 58.424

 44, 21.959, 58.424

 34, 21.959, 58.424

 24, 21.959, 58.424

 14, 21.959, 58.424

 4, 21.959, 58.424

 0, 21.959, 58.424

84, 21.959, 58.424

84, 21.959, 58.424

80, 30.772, 57.587

88, 13.717, 59.319

76, 40.167, 56.798

93, 6.009, 60.204

72, 50.098, 56.063

97, 1.215, 241.687

68, 60.398, 55.344

99, 3.818, 199.337

65, 70.657, 54.525

62, 79.989, 53.327

59, 87.066, 51.327

59, 88.176, 50.994

Harmonies

Complementary

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



84, 21.959, 58.424



85, 19.106, 244.761

Rectangle

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



84, 21.959, 58.424



84, 21.959, 108.424



84, 21.959, 238.424



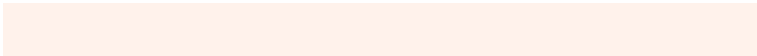
84, 21.959, 288.424

Sweetspot

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



84, 21.959, 58.432



96, 6.011, 60.226



79, 33.924, 339.342



51, 4.294, 60.098



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, 21.959, 58.432



85, 27.918, 57.936



92, 30.774, 101.006



49, 4.152, 60.101



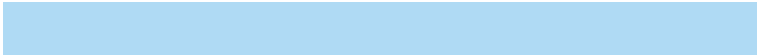
45, 71.564, 51.636



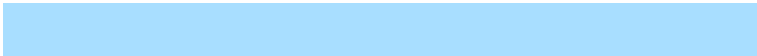
13, 25.230, 49.321

Inverse Universe

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



85, 19.106, 244.761



86, 23.505, 245.807



76, 32.263, 287.925



49, 3.984, 242.158



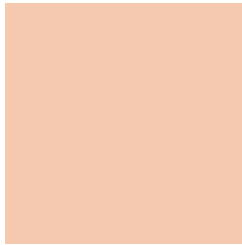
47, 44.432, 269.057



13, 17.989, 261.023

Previews

White Background



This preview shows how the CIELCh color 84, 21.959, 58.424 looks on a white background.

Color Contrast Check

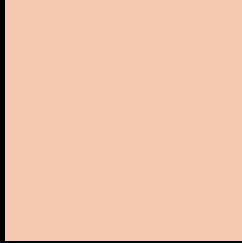
Large Text (above 18pt) WCAG AA × Fail

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, 21.959, 58.424 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, 21.959, 58.424

Background



This preview shows how black text looks on a background with the CIELCh color 84, 21.959, 58.424.

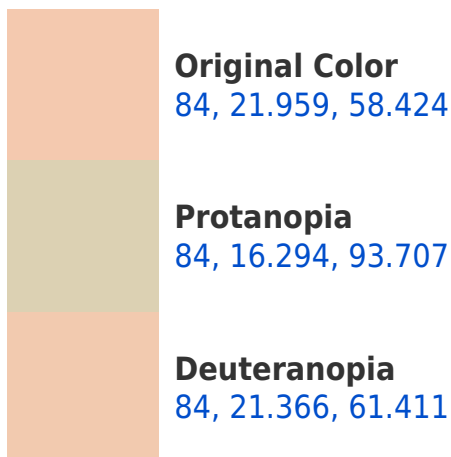


This preview shows how white text looks on a background with the CIELCh color 84, 21.959, 58.424.

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, 20.787, 358.934

Trichromacy



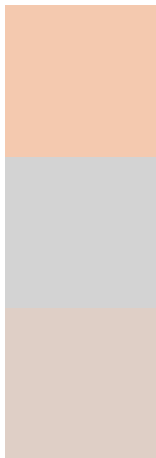
Original Color
84, 21.959, 58.424

Protanomaly
84, 17.257, 77.657

Deuteranomaly
84, 21.672, 60.720

Tritanomaly
84, 18.611, 20.833

Monochromacy



Original Color
84, 21.959, 58.424

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 7.618, 57.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 21.959, 58.424 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(244, 201, 175)` looks like.

```
.text, #text, p{  
    color:rgb(244, 201, 175)  
}
```

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(244, 201, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 201, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 21.959, 58.424 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(244, 201, 175) }
```

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

```
.border{ border-color:rgb(244, 201, 175) }
```

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

Here you see how a box with a 4 pixel rgb(244, 201, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 201, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 201, 175);  
box-shadow:4px 4px 4px 4px rgb(244, 201,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 21.959, 58.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 201, 175) }
```

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

```
.background{ background-color: rgb(244,  
201, 175) }
```

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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