

Converting Colors

CIELCh(84, 21.861, 40.212)

Have a look what the booklet for
CIELCh(84, 21.861, 40.212) contains.

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Color

CIELCh(84, 21.689, 40.436)

Conversions

Conversions Part 1

Format	Color
Hex	FAC6B8
RGB	250, 198, 184
RGB Percent	98%, 78%, 72%
CMY	0.0202, 0.2241, 0.2790
CMYK	0.00, 0.21, 0.26, 0.02
HSL	13°, 86%, 85%
HSV	13°, 26%, 98%
XYZ	68.1603, 64.0658, 54.0374
YIQ	211.9520, 35.4860, 6.6700

Conversions

Conversions Part 2

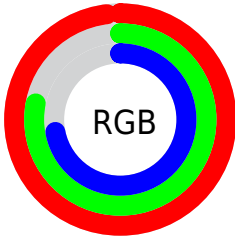
Format	Color
R _Y B	250, 202, 184
Decimal	16434872
CIE Lab	84.00, 16.51, 14.07
CIE LCh	84, 21.689, 40.436
Yxy	64.0658, 0.3659, 0.3440
Android (android.graphics.Color)	4294624952 (0xFFFA6B8)
YUV	211.9520, -13.7803, 33.3681
Hunter-Lab	80.0411, 11.9327, 16.0009

Details

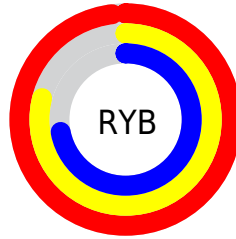
The CIELCh color **84, 21.689, 40.436** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 18.120, 222.236**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **64, 21.896, 40.214** is the 20% darker color. If you saturate the color by 10%, you get **79, 31.183, 40.528**, and if you desaturate by 10%, it is **89, 12.923, 40.498**.

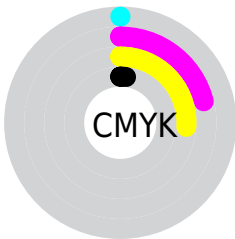
Distribution



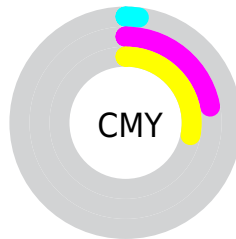
- Red (98%)
- Green (78%)
- Blue (72%)



- Red (98%)
- Yellow (79%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 21.689, 40.436 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, 21.689, 40.436 by changing the saturation by 10% instead.

 84, 21.689, 40.436

 84, 21.689, 40.436

 100, 21.689,
40.436

 74, 21.689, 40.436

 64, 21.689, 40.436

 54, 21.689, 40.436

 44, 21.689, 40.436

 34, 21.689, 40.436

 24, 21.689, 40.436

 14, 21.689, 40.436

 4, 21.689, 40.436

 0, 21.689, 40.436

84, 21.689, 40.436

84, 21.689, 40.436

79, 31.183, 40.528

89, 12.923, 40.498

74, 41.425, 40.794

95, 4.845, 40.605

69, 52.370, 41.274

100, 1.792,
199.661

65, 63.870, 41.975

61, 75.562, 42.822

58, 86.616, 43.548

56, 95.304, 43.514

55, 97.813, 43.424

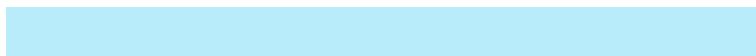
Harmonies

Complementary

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



84, 21.689, 40.436



90, 18.120, 222.236

Rectangle

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



84, 21.689, 40.436



84, 21.689, 90.436



84, 21.689, 220.436



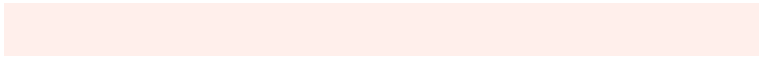
84, 21.689, 270.436

Sweetspot

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



84, 21.688, 40.444



96, 6.186, 40.595



82, 36.219, 332.227



50, 4.424, 40.580



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, 21.688, 40.444



83, 27.355, 40.471



92, 24.988, 90.345



49, 4.351, 40.580



42, 78.761, 43.852



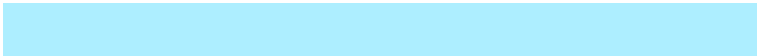
11, 28.554, 37.263

Inverse Universe

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



90, 18.120, 222.236



90, 21.868, 222.693



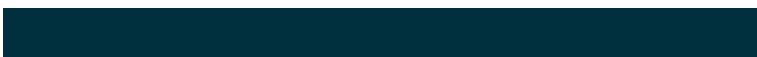
82, 25.100, 277.632



51, 4.102, 221.324



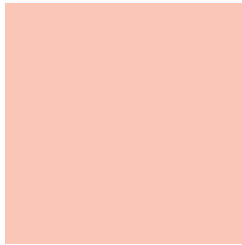
57, 35.289, 238.286



18, 15.762, 232.450

Previews

White Background



This preview shows how the CIELCh color 84, 21.689, 40.436 looks on a white background.

Color Contrast Check

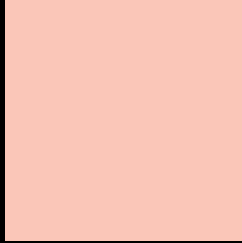
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 84, 21.689, 40.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

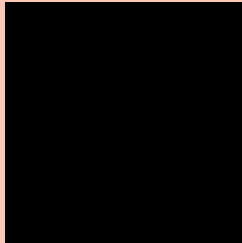
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 21.689, 40.436

Background



This preview shows how black text looks on a background with the CIELCh color 84, 21.689, 40.436.

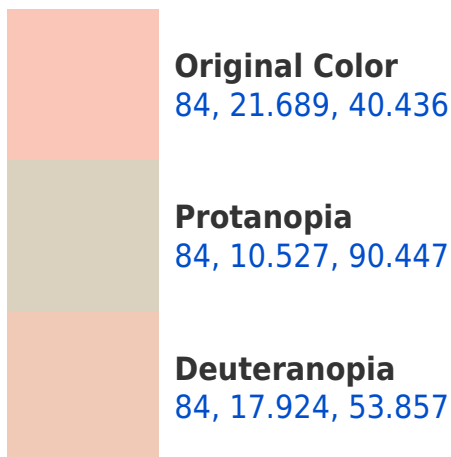



This preview shows how white text looks on a background with the CIELCh color 84, 21.689, 40.436.

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, 23.296, 1.691

Trichromacy



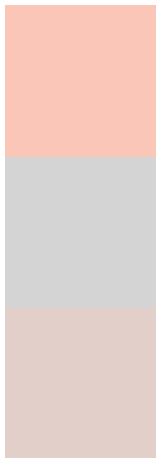
Original Color
84, 21.689, 40.436

Protanomaly
84, 13.122, 62.554

Deuteranomaly
84, 19.441, 47.627

Tritanomaly
84, 21.734, 14.265

Monochromacy



Original Color
84, 21.689, 40.436

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.540, 40.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 21.689, 40.436 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(250, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(250, 198, 184)  
}
```

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(250, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 198, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 21.689, 40.436 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(250, 198, 184) }
```

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

```
.border{ border-color:rgb(250, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(250, 198,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 21.689, 40.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 198, 184) }
```

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

```
.background{ background-color: rgb(250,  
198, 184) }
```

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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