

Converting Colors

CIELCh(84, 21.605, 57.430)

Have a look what the booklet for
CIELCh(84, 21.605, 57.430) contains.

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Color

CIELCh(84, 21.605, 57.430)

Conversions

Conversions Part 1

Format	Color
Hex	F4C9B0
RGB	244, 201, 176
RGB Percent	96%, 79%, 69%
CMY	0.0436, 0.2122, 0.3102
CMYK	0.00, 0.18, 0.28, 0.04
HSL	22°, 75%, 82%
HSV	22°, 28%, 96%
XYZ	65.9560, 64.0658, 49.9089
YIQ	211.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

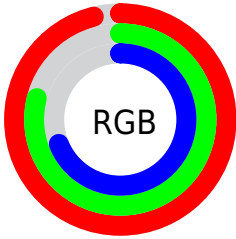
Format	Color
RYB	244, 216, 176
Decimal	16042416
CIELab	84.00, 11.63, 18.21
CIELCh	84, 21.605, 57.430
Yxy	64.0658, 0.3666, 0.3561
Android (android.graphics.Color)	4294232496 (0xFFFF4C9B0)
YUV	211.0070, -17.2585, 28.9349
Hunter-Lab	80.0411, 7.0168, 19.0590

Details

The CIELCh color **84, 21.605, 57.430** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 18.762, 243.478**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **64, 21.814, 57.764** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.410, 56.635**, and if you desaturate by 10%, it is **88, 13.380, 58.287**.

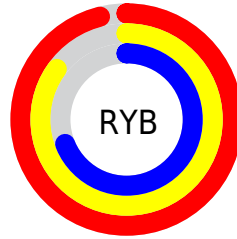
Distribution



Red (96%)

Green (79%)

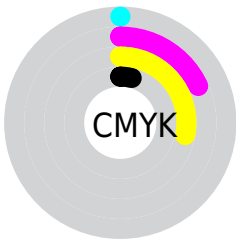
Blue (69%)



Red (96%)

Yellow (85%)

Blue (69%)

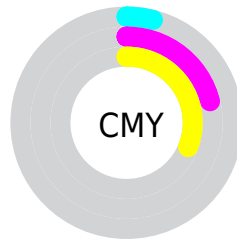


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (4%)



Cyan (4%)

Magenta (21%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 21.605, 57.430 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, 21.605, 57.430 by changing the saturation by 10% instead.

 84, 21.605, 57.430

 84, 21.605, 57.430

 100, 21.605,
57.430

 74, 21.605, 57.430

 64, 21.605, 57.430

 54, 21.605, 57.430

 44, 21.605, 57.430

 34, 21.605, 57.430

 24, 21.605, 57.430

 14, 21.605, 57.430

 4, 21.605, 57.430

 0, 21.605, 57.430

84, 21.605, 57.430

84, 21.605, 57.430

80, 30.410, 56.635

88, 13.380, 58.287

76, 39.812, 55.894

93, 5.698, 59.135

72, 49.766, 55.215

97, 1.494, 240.516

68, 60.118, 54.564

99, 3.838, 199.334

65, 70.472, 53.828

62, 79.968, 52.737

59, 87.229, 50.841

58, 88.615, 50.443

Harmonies

Complementary

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



84, 21.605, 57.430



85, 18.762, 243.478

Rectangle

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



84, 21.605, 57.430



84, 21.605, 107.430



84, 21.605, 237.430



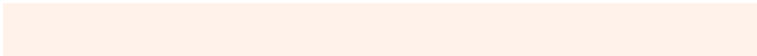
84, 21.605, 287.430

Sweetspot

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



84, 21.605, 57.438



96, 6.002, 59.124



79, 33.431, 339.306



51, 4.287, 59.001



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, 21.605, 57.438



85, 27.006, 57.013



92, 30.330, 101.052



49, 4.146, 59.004



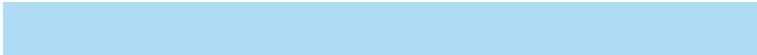
45, 71.927, 51.076



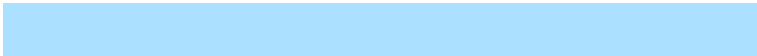
12, 25.316, 48.490

Inverse Universe

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



85, 18.762, 243.478



87, 22.753, 244.384



76, 31.772, 287.857



49, 3.973, 241.005



48, 43.643, 267.672



13, 17.742, 259.628

Previews

White Background



This preview shows how the CIELCh color 84, 21.605, 57.430 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, 21.605, 57.430 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, 21.605, 57.430

Background



This preview shows how black text looks on a background with the CIELCh color 84, 21.605, 57.430.



This preview shows how white text looks on a background with the CIELCh color 84, 21.605, 57.430.

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, 21.605, 57.430

Protanopia

84, 15.787, 93.283

Deuteranopia

84, 20.993, 60.438



Tritanopia
84, 20.787, 358.934

Trichromacy



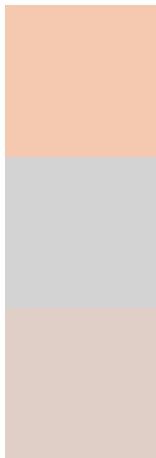
Original Color
84, 21.605, 57.430

Protanomaly
84, 16.801, 76.815

Deuteranomaly
84, 21.303, 59.750

Tritanomaly
84, 18.611, 20.833

Monochromacy



Original Color
84, 21.605, 57.430

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, 21.605, 57.430 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(244, 201, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 201, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 21.605, 57.430 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, 176) }
```

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

```
.border{ border-color:rgb(244, 201, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 201, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 201, 176);  
box-shadow:4px 4px 4px 4px rgb(244, 201,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 21.605, 57.430 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, 176) }
```

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

```
.background{ background-color: rgb(244,  
201, 176) }
```

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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