

Converting Colors

CIELCh(90, 46.428, 36.018)

Have a look what the booklet for
CIELCh(90, 46.428, 36.018) contains.

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Color

CIELCh(84, 25.585, 47.385)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEC5AF</code>
RGB	<code>254, 197, 175</code>
RGB Percent	<code>100%, 77%, 69%</code>
CMY	<code>0.0043, 0.2275, 0.3137</code>
CMYK	<code>0.00, 0.22, 0.31, 0.00</code>
HSL	<code>17°, 97%, 84%</code>
HSV	<code>17°, 31%, 100%</code>
XYZ	<code>68.5332, 64.0658, 49.3082</code>
YIQ	<code>211.5350, 41.0340, 5.2420</code>

Conversions

Conversions Part 2

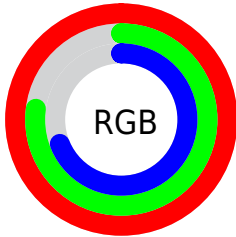
Format	Color
RYB	254, 205, 175
Decimal	16696751
CIELab	84.00, 17.32, 18.83
CIELCh	84, 25.585, 47.385
Yxy	64.0658, 0.3767, 0.3522
Android (android.graphics.Color)	4294886831 (0xFFFECE5AF)
YUV	211.5350, -18.0118, 37.2418
Hunter-Lab	80.0411, 12.7643, 19.5040

Details

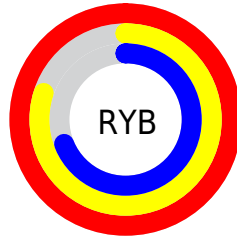
The CIELCh color **84, 25.585, 47.385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 20.976, 231.746**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.652, 107.514**, and **64, 25.772, 47.754** is the 20% darker color. If you saturate the color by 10%, you get **79, 35.210, 47.123**, and if you desaturate by 10%, it is **89, 16.667, 47.773**.

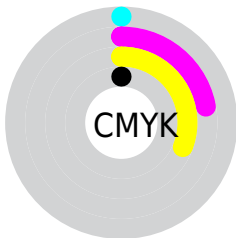
Distribution



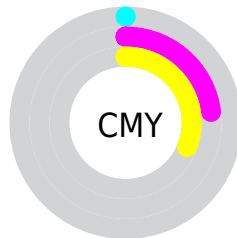
- Red (100%)
- Green (77%)
- Blue (69%)



- Red (100%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 25.585, 47.385 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, 25.585, 47.385 by changing the saturation by 10% instead.

84, 25.585, 47.385

84, 25.585, 47.385

100, 25.585,
47.385

74, 25.585, 47.385

64, 25.585, 47.385

54, 25.585, 47.385

44, 25.585, 47.385

34, 25.585, 47.385

24, 25.585, 47.385

14, 25.585, 47.385

4, 25.585, 47.385

0, 25.585, 47.385

84, 25.585, 47.385

84, 25.585, 47.385

79, 35.210, 47.123

89, 16.667, 47.773

75, 45.550, 46.992

94, 8.420, 48.222

70, 56.535, 47.005

99, 0.784, 48.063

66, 67.949, 47.124

100, 0.382,
201.116

63, 79.260, 47.198

60, 89.296, 46.835

58, 95.997, 45.833

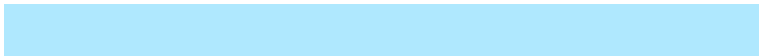
Harmonies

Complementary

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



84, 25.585, 47.385



89, 20.976, 231.746

Rectangle

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



84, 25.585, 47.385



84, 25.585, 97.385



84, 25.585, 227.385



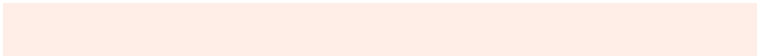
84, 25.585, 277.385

Sweetspot

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



84, 25.584, 47.392



95, 6.809, 48.315



81, 41.190, 335.161



50, 4.759, 48.250



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, 25.584, 47.392



81, 31.309, 47.217



93, 31.756, 94.544



50, 4.310, 48.293



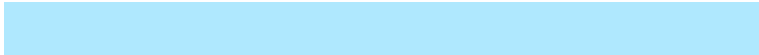
44, 77.085, 46.363



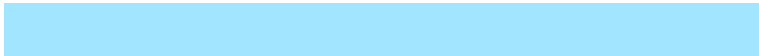
13, 28.845, 42.242

Inverse Universe

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



89, 20.976, 231.746



87, 24.554, 232.582



79, 32.646, 282.930



51, 4.084, 229.631



54, 38.235, 252.144



17, 16.873, 245.346

Previews

White Background



This preview shows how the CIELCh color 84, 25.585, 47.385 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, 25.585, 47.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

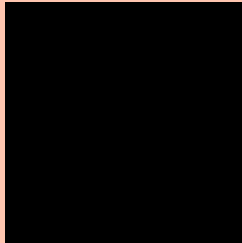
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.585, 47.385

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.585, 47.385.

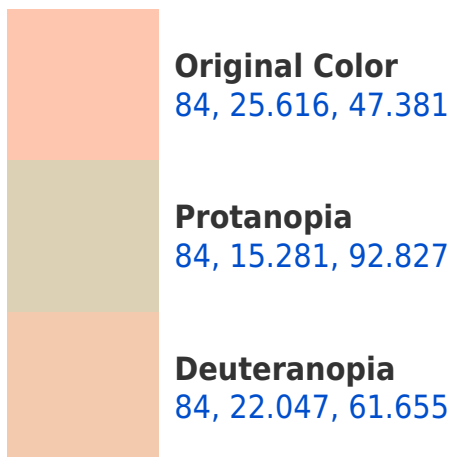


This preview shows how white text looks on a background with the CIELCh color 84, 25.585, 47.385.

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, 24.273, 3.912

Trichromacy



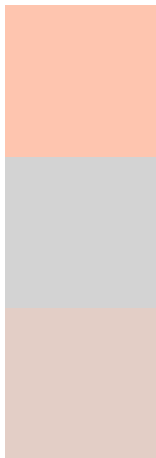
Original Color
84, 25.616, 47.381

Protanomaly
84, 17.296, 71.570

Deuteranomaly
84, 23.286, 56.008

Tritanomaly
84, 23.358, 19.979

Monochromacy



Original Color
84, 25.616, 47.381

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 8.931, 47.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.585, 47.385 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, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 197, 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(254, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 197, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.585, 47.385 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, 197, 175) }
```

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

```
.border{ border-color:rgb(254, 197, 175) }
```

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

Here you see how a box with a 4 pixel rgb(254, 197, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 197, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 197, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 197,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.585, 47.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 197, 175) }
```

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

```
.background{ background-color: rgb(254,  
197, 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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