

Converting Colors

CIELCh(90, 47.742, 40.912)

Have a look what the booklet for
CIELCh(90, 47.742, 40.912) contains.

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Color

CIELCh(84, 27.707, 54.888)

Conversions

Conversions Part 1

Format	Color
Hex	FEC6A8
RGB	254, 198, 168
RGB Percent	100%, 78%, 66%
CMY	0.0054, 0.2247, 0.3422
CMYK	0.00, 0.22, 0.34, 0.01
HSL	21°, 97%, 83%
HSV	21°, 34%, 99%
XYZ	67.8994, 64.0658, 45.7045
YIQ	211.3240, 43.0060, 2.5420

Conversions

Conversions Part 2

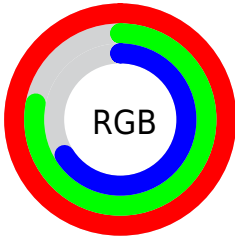
Format	Color
R _Y B	254, 214, 168
Decimal	16697000
CIE Lab	84.00, 15.94, 22.67
CIE LCh	84, 27.707, 54.888
Yxy	64.0658, 0.3822, 0.3606
Android (android.graphics.Color)	4294887080 (0xFFFE6A8)
YUV	211.3240, -21.3587, 37.4269
Hunter-Lab	80.0411, 11.3509, 22.1734

Details

The CIELCh color **84, 27.707, 54.888** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 22.989, 241.980**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **64, 27.728, 54.571** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.230, 54.229**, and if you desaturate by 10%, it is **88, 18.822, 55.630**.

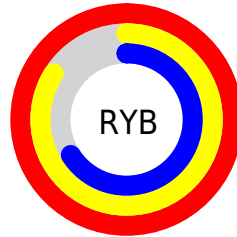
Distribution



Red (100%)

Green (78%)

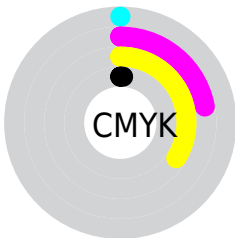
Blue (66%)



Red (100%)

Yellow (84%)

Blue (66%)

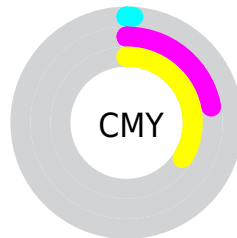


Cyan (0%)

Magenta (22%)

Yellow (34%)

Black (1%)



Cyan (1%)

Magenta (22%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.707, 54.888 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, 27.707, 54.888 by changing the saturation by 10% instead.

 84, 27.707, 54.888

 84, 27.707, 54.888

 100, 27.707,
54.888

 74, 27.707, 54.888

 64, 27.707, 54.888

 54, 27.707, 54.888

 44, 27.707, 54.888

 34, 27.707, 54.888

 24, 27.707, 54.888

 14, 27.707, 54.888

 4, 27.707, 54.888

 0, 27.707, 54.888

84, 27.707, 54.888

84, 27.707, 54.888

80, 37.230, 54.229

88, 18.822, 55.630

76, 47.380, 53.644

93, 10.548, 56.410

72, 58.055, 53.123

98, 2.834, 57.107

68, 68.969, 52.595

100, 0.483,
200.747

65, 79.453, 51.861

62, 88.186, 50.486

60, 92.317, 49.288

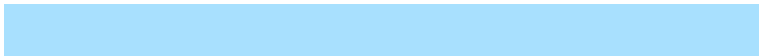
Harmonies

Complementary

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



84, 27.707, 54.888



86, 22.989, 241.980

Rectangle

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



84, 27.707, 54.888



84, 27.707, 104.888



84, 27.707, 234.888



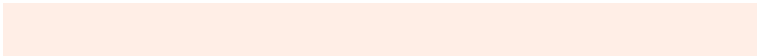
84, 27.707, 284.888

Sweetspot

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



84, 27.706, 54.895



95, 7.541, 56.710



79, 42.807, 338.291



50, 5.170, 56.602



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, 27.706, 54.895



81, 34.595, 54.411



94, 36.796, 98.443



51, 4.280, 56.748



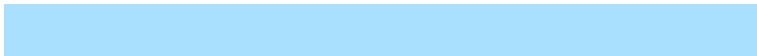
46, 74.206, 49.908



14, 27.958, 47.730

Inverse Universe

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



86, 22.989, 241.980



84, 27.404, 243.372



75, 38.706, 287.226



51, 4.090, 238.633



50, 43.017, 264.815



15, 18.373, 257.552

Previews

White Background



This preview shows how the CIELCh color 84, 27.707, 54.888 looks on a white background.

Color Contrast Check

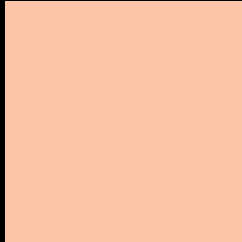
Large Text (above 18pt) WCAG AA × Fail

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, 27.707, 54.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

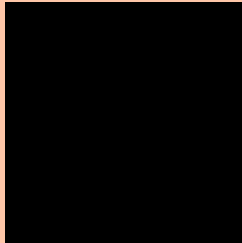
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.707, 54.888

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.707, 54.888.



This preview shows how white text looks on a background with the CIELCh color 84, 27.707, 54.888.

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, 27.740, 54.879

Protanopia

84, 19.541, 93.488

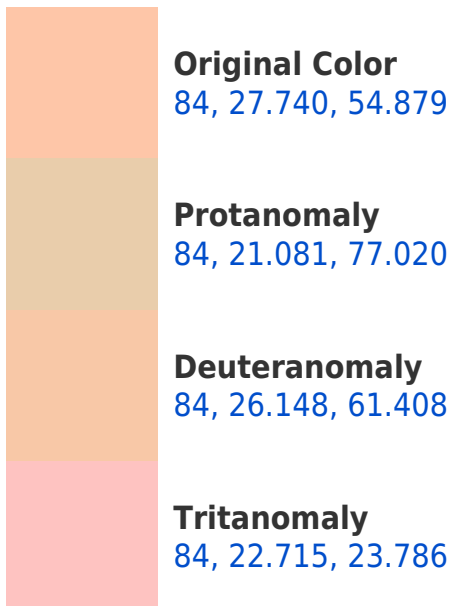
Deuteranopia

84, 25.302, 64.607

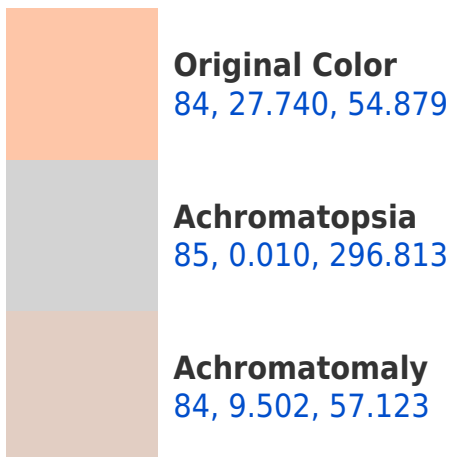


Tritanopia
84, 24.273, 3.912

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.707, 54.888 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, 198, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 198, 168)  
}
```

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, 198, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 198, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.707, 54.888 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, 198, 168) }
```

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

```
.border{ border-color:rgb(254, 198, 168) }
```

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

Here you see how a box with a 4 pixel rgb(254, 198, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 198, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 198, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 198,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.707, 54.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 198, 168) }
```

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

```
.background{ background-color: rgb(254,  
198, 168) }
```

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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