

Converting Colors

CIELCh(84, 42.298, 74.483)

Have a look what the booklet for
CIELCh(84, 42.298, 74.483) contains.

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Color

CIELCh(84, 42.225, 74.649)

Conversions

Conversions Part 1

Format	Color
Hex	FEC885
RGB	254, 200, 133
RGB Percent	100%, 78%, 52%
CMY	0.0040, 0.2157, 0.4785
CMYK	0.00, 0.21, 0.48, 0.00
HSL	33°, 98%, 76%
HSV	33°, 48%, 100%
XYZ	65.7540, 64.0658, 31.0871
YIQ	208.5080, 53.6910, -9.3890

Conversions

Conversions Part 2

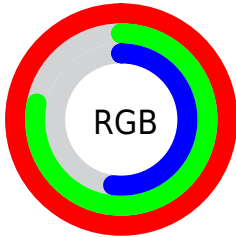
Format	Color
R _Y B	231, 254, 133
Decimal	16697477
CIE Lab	84.00, 11.18, 40.72
CIE LCh	84, 42.225, 74.649
Yxy	64.0658, 0.4086, 0.3982
Android (android.graphics.Color)	4294887557 (0xFFFE C885)
YUV	208.5080, -37.2254, 39.8965
Hunter-Lab	80.0411, 6.5664, 33.0011

Details

The CIELCh color **84, 42.225, 74.649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.534, 270.053**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 34.195, 107.573**, and **64, 42.221, 74.491** is the 20% darker color. If you saturate the color by 10%, you get **81, 51.847, 73.223**, and if you desaturate by 10%, it is **87, 32.778, 76.040**.

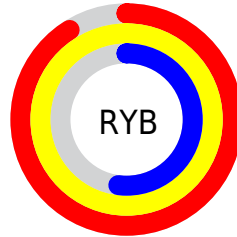
Distribution



Red (100%)

Green (78%)

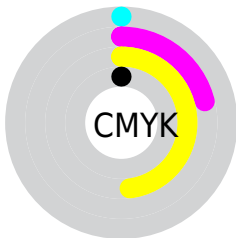
Blue (52%)



Red (91%)

Yellow (100%)

Blue (52%)

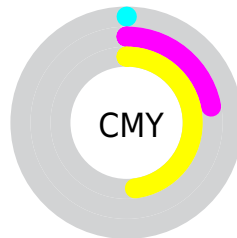


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 42.225, 74.649 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, 42.225, 74.649 by changing the saturation by 10% instead.

 84, 42.225, 74.649

 84, 42.225, 74.649

 100, 42.225,
74.649

 74, 42.225, 74.649

 64, 42.225, 74.649

 54, 42.225, 74.649

 44, 42.225, 74.649

 34, 42.225, 74.649

 24, 42.225, 74.649

 14, 42.225, 74.649

 4, 42.225, 74.649

 0, 42.225, 74.649

84, 42.225, 74.649

84, 42.225, 74.649

81, 51.847, 73.223

87, 32.778, 76.040

78, 61.388, 71.705

90, 23.618, 77.394

75, 70.334, 69.999

94, 14.784, 78.716

73, 77.788, 67.904

97, 6.278, 79.980

70, 82.667, 65.120

100, 0.351,
201.271

69, 83.618, 64.426

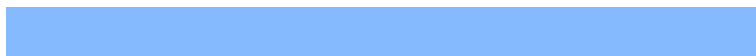
Harmonies

Complementary

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



84, 42.225, 74.649



75, 38.534, 270.053

Rectangle

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



84, 42.225, 74.649



84, 42.225, 124.649



84, 42.225, 254.649



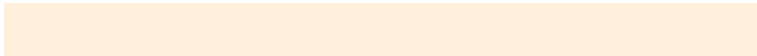
84, 42.225, 304.649

Sweetspot

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



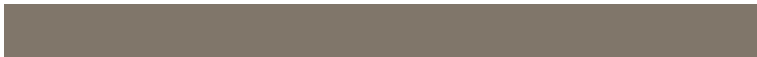
84, 42.225, 74.654



95, 11.690, 79.185



70, 52.488, 351.892



50, 8.104, 78.908



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, 42.225, 74.654



81, 51.397, 73.314



97, 59.592, 107.945



51, 4.706, 79.752



53, 67.399, 65.104



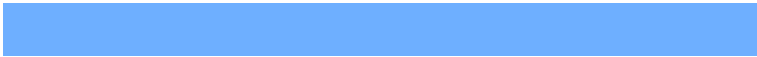
17, 27.103, 67.233

Inverse Universe

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



75, 38.534, 270.053



70, 46.181, 272.821



61, 67.918, 298.397



50, 4.638, 262.340



38, 64.788, 289.015



11, 26.142, 282.902

Previews

White Background



This preview shows how the CIELCh color 84, 42.225, 74.649 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, 42.225, 74.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

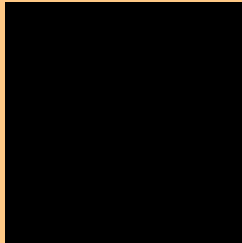
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 42.225, 74.649

Background



This preview shows how black text looks on a background with the CIELCh color 84, 42.225, 74.649.

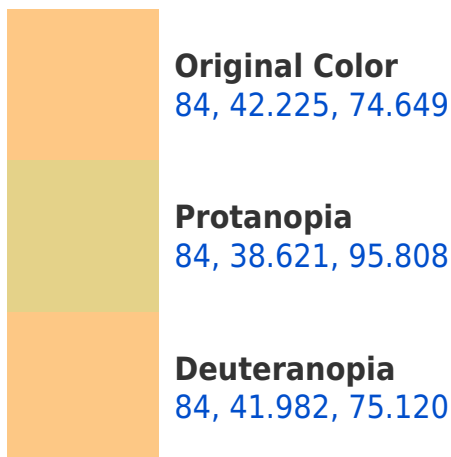


This preview shows how white text looks on a background with the CIELCh color 84, 42.225, 74.649.

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, 24.163, 5.115

Trichromacy



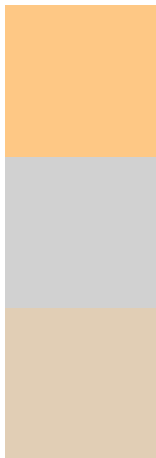
Original Color
84, 42.225, 74.649

Protanomaly
84, 38.806, 87.630

Deuteranomaly
84, 41.982, 75.120

Tritanomaly
84, 25.087, 41.630

Monochromacy



Original Color
84, 42.225, 74.649

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 15.067, 79.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 42.225, 74.649 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, 200, 133)` looks like.

```
.text, #text, p{  
    color:rgb(254, 200, 133)  
}
```

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, 200, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 200, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 42.225, 74.649 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, 200, 133) }
```

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

```
.border{ border-color:rgb(254, 200, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 200, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 200, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 200, 133);  
box-shadow:4px 4px 4px 4px rgb(254, 200,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 42.225, 74.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 200, 133) }
```

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

```
.background{ background-color: rgb(254,  
200, 133) }
```

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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