

Converting Colors

CIELCh(88, 41.245, 57.012)

Have a look what the booklet for
CIELCh(88, 41.245, 57.012) contains.

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Color

CIELCh(85, 32.858, 67.924)

Conversions

Conversions Part 1

Format	Color
Hex	FECA9C
RGB	254, 202, 156
RGB Percent	100%, 79%, 61%
CMY	0.0022, 0.2059, 0.3902
CMYK	0.00, 0.20, 0.39, 0.00
HSL	28°, 99%, 80%
HSV	28°, 39%, 100%
XYZ	68.2295, 66.0070, 40.3775
YIQ	212.3040, 45.7580, -3.2820

Conversions

Conversions Part 2

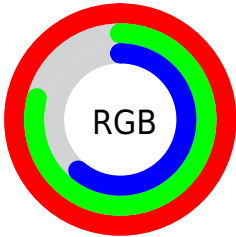
Format	Color
R _Y B	254, 243, 156
Decimal	16698012
CIE Lab	85.00, 12.35, 30.45
CIE LCh	85, 32.858, 67.924
Yxy	66.0070, 0.3907, 0.3780
Android (android.graphics.Color)	4294888092 (0xFFFECA9C)
YUV	212.3040, -27.7579, 36.5674
Hunter-Lab	81.2447, 7.7266, 27.4050

Details

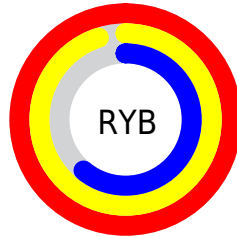
The CIELCh color **85, 32.858, 67.924** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 28.845, 259.275**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **65, 32.729, 67.383** is the 20% darker color. If you saturate the color by 10%, you get **81, 42.377, 66.715**, and if you desaturate by 10%, it is **89, 23.774, 69.143**.

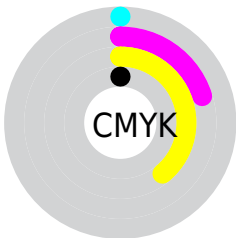
Distribution



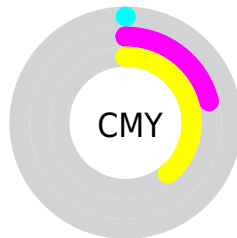
- Red (100%)
- Green (79%)
- Blue (61%)



- Red (100%)
- Yellow (95%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 32.858, 67.924 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 85, 32.858, 67.924 by changing the saturation by 10% instead.

 85, 32.858, 67.924

 85, 32.858, 67.924

 100, 32.858,
67.924

 75, 32.858, 67.924

 65, 32.858, 67.924

 55, 32.858, 67.924

 45, 32.858, 67.924

 35, 32.858, 67.924

 25, 32.858, 67.924

 15, 32.858, 67.924

 5, 32.858, 67.924

 0, 32.858, 67.924

85, 32.858, 67.924

85, 32.858, 67.924

81, 42.377, 66.715

89, 23.774, 69.143

78, 52.242, 65.484

92, 15.141, 70.349

75, 62.225, 64.188

96, 6.940, 71.523

72, 71.819, 62.704

100, 0.192,
202.846

69, 80.070, 60.771

66, 85.859, 58.066

66, 86.449, 57.765

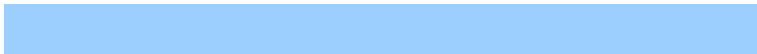
Harmonies

Complementary

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



85, 32.858, 67.924



81, 28.845, 259.275

Rectangle

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



85, 32.858, 67.924



85, 32.858, 117.924



85, 32.858, 247.924



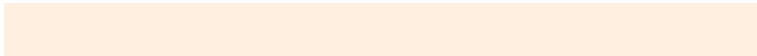
85, 32.858, 297.924

Sweetspot

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



85, 32.858, 67.930



95, 9.467, 71.165



76, 45.175, 345.622



50, 6.301, 71.012



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 32.858, 67.930



82, 40.625, 66.943



97, 47.797, 104.913



51, 4.457, 71.452



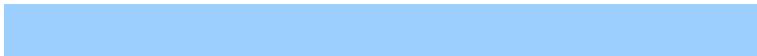
50, 69.451, 58.471



16, 27.051, 59.334

Inverse Universe

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



81, 28.845, 259.275



78, 34.591, 261.341



69, 52.548, 294.175



51, 4.341, 253.932



43, 55.420, 281.611



12, 22.681, 274.863

Previews

White Background



This preview shows how the CIELCh color 85, 32.858, 67.924 looks on a white background.

Color Contrast Check

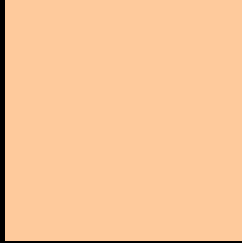
Large Text (above 18pt) WCAG AA × Fail

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 85, 32.858, 67.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

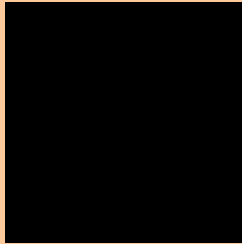
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 32.858, 67.924

Background



This preview shows how black text looks on a background with the CIELCh color 85, 32.858, 67.924.



This preview shows how white text looks on a background with the CIELCh color 85, 32.858, 67.924.

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](#).

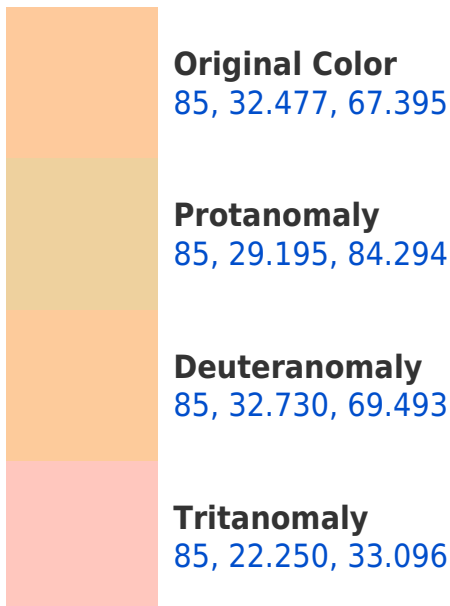
Dichromacy





Tritanopia
85, 22.618, 3.830

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 32.858, 67.924 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, 202, 156)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 156)  
}
```

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, 202, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 32.858, 67.924 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, 202, 156) }
```

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

```
.border{ border-color:rgb(254, 202, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 156);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 32.858, 67.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 156) }
```

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

```
.background{ background-color: rgb(254,  
202, 156) }
```

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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