

Converting Colors

CIELCh(85, 45.906, 49.434)

Have a look what the booklet for
CIELCh(85, 45.906, 49.434) contains.

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Color

CIELCh(82, 35.411, 57.946)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE95
RGB	255, 190, 149
RGB Percent	100%, 75%, 58%
CMY	0.0000, 0.2558, 0.4168
CMYK	0.00, 0.26, 0.42, 0.00
HSL	23°, 100%, 79%
HSV	23°, 42%, 100%
XYZ	65.3064, 60.2982, 36.5152
YIQ	204.7610, 51.9010, 1.0290

Conversions

Conversions Part 2

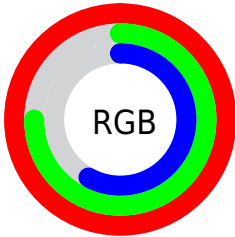
Format	Color
R _Y B	255, 216, 149
Decimal	16760469
CIE Lab	82.00, 18.79, 30.01
CIE LCh	82, 35.411, 57.946
Yxy	60.2982, 0.4028, 0.3719
Android (android.graphics.Color)	4294950549 (0xFFFFBE95)
YUV	204.7610, -27.4902, 44.0596
Hunter-Lab	77.6519, 14.2303, 26.4757

Details

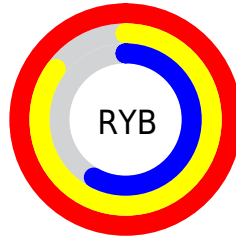
The CIELCh color **82, 35.411, 57.946** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 28.459, 248.672**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 22.116, 99.649**, and **62, 34.911, 57.821** is the 20% darker color. If you saturate the color by 10%, you get **78, 45.040, 57.459**, and if you desaturate by 10%, it is **86, 25.809, 59.155**.

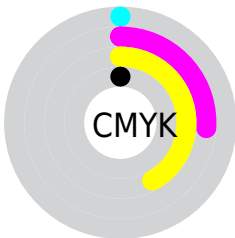
Distribution



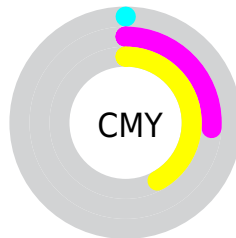
- Red (100%)
- Green (75%)
- Blue (58%)



- Red (100%)
- Yellow (85%)
- Blue (58%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 35.411, 57.946 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 82, 35.411, 57.946 by changing the saturation by 10% instead.

 82, 35.411, 57.946

 82, 35.411, 57.946

 100, 35.411,
57.946

 72, 35.411, 57.946

 62, 35.411, 57.946

 52, 35.411, 57.946

 42, 35.411, 57.946

 32, 35.411, 57.946

 22, 35.411, 57.946

 12, 35.411, 57.946

 2, 35.411, 57.946

 0, 35.411, 57.946

82, 35.411, 57.946

82, 35.411, 57.946

78, 45.040, 57.459

86, 25.809, 59.155

74, 55.445, 56.675

90, 17.074, 60.071

70, 66.101, 55.869

95, 8.897, 61.004

67, 76.434, 54.879

99, 1.232, 61.605

64, 85.296, 53.346

100, 0.012,
296.813

62, 90.787, 51.476

Harmonies

Complementary

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



82, 35.411, 57.946



83, 28.459, 248.672

Rectangle

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



82, 35.411, 57.946



82, 35.411, 107.946



82, 35.411, 237.946



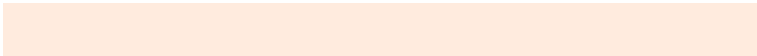
82, 35.411, 287.946

Sweetspot

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



82, 35.133, 58.281



94, 9.949, 60.881



75, 50.926, 341.467



49, 7.013, 60.676



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 35.133, 58.281



79, 43.341, 57.593



95, 47.463, 100.408



51, 4.301, 61.201



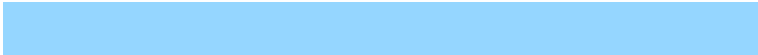
47, 72.694, 52.143



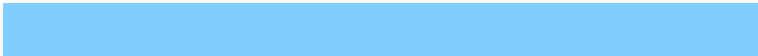
14, 27.582, 50.950

Inverse Universe

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



83, 28.459, 248.672



80, 33.416, 250.751



69, 51.551, 291.201



51, 4.132, 243.319



48, 46.240, 270.519



15, 19.451, 263.284

Previews

White Background



This preview shows how the CIELCh color 82, 35.411, 57.946 looks on a white background.

Color Contrast Check

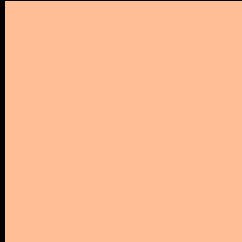
Large Text (above 18pt) WCAG AA × Fail

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 82, 35.411, 57.946 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 82, 35.411, 57.946

Background



This preview shows how black text looks on a background with the CIELCh color 82, 35.411, 57.946.

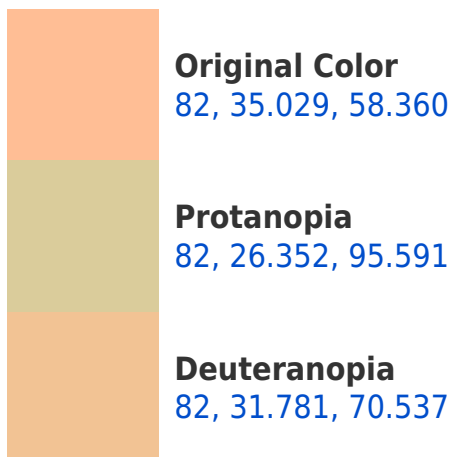


This preview shows how white text looks on a background with the CIELCh color 82, 35.411, 57.946.

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
82, 27.325, 7.350

Trichromacy



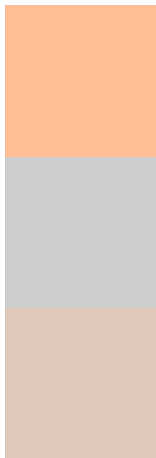
Original Color
82, 35.029, 58.360

Protanomaly
82, 27.650, 80.010

Deuteranomaly
82, 32.985, 65.673

Tritanomaly
82, 27.046, 29.251

Monochromacy



Original Color
82, 35.029, 58.360

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 11.823, 58.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 35.411, 57.946 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(255, 190, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 149)  
}
```

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(255, 190, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 35.411, 57.946 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(255, 190, 149) }
```

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

```
.border{ border-color:rgb(255, 190, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 190, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 35.411, 57.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 149) }
```

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

```
.background{ background-color: rgb(255,  
190, 149) }
```

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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