

Converting Colors

CIELCh(82, 34.727, 75.907)

Have a look what the booklet for
CIELCh(82, 34.727, 75.907) contains.

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Color

CIELCh(82, 34.981, 76.125)

Conversions

Conversions Part 1

Format	Color
Hex	F1C58D
RGB	241, 197, 141
RGB Percent	95%, 77%, 55%
CMY	0.0565, 0.2289, 0.4485
CMYK	0.00, 0.18, 0.42, 0.06
HSL	34°, 78%, 75%
HSV	34°, 42%, 94%
XYZ	60.7943, 60.2982, 33.4905
YIQ	203.7720, 44.2000, -8.0880

Conversions

Conversions Part 2

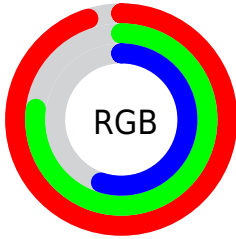
Format	Color
R _Y B	220, 241, 141
Decimal	15844749
CIE Lab	82.00, 8.39, 33.96
CIE LCh	82, 34.981, 76.125
Yxy	60.2982, 0.3933, 0.3901
Android (android.graphics.Color)	4294034829 (0xFFFF1C58D)
YUV	203.7720, -30.9466, 32.6490
Hunter-Lab	77.6519, 3.8582, 28.7851

Details

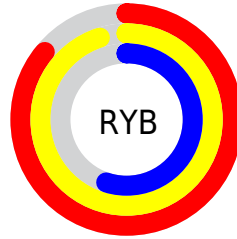
The CIELCh color **82, 34.981, 76.125** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 32.455, 269.060**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 29.750, 107.178**, and **62, 34.889, 75.873** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.105, 74.726**, and if you desaturate by 10%, it is **85, 26.089, 77.499**.

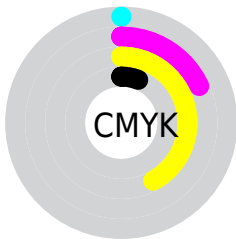
Distribution



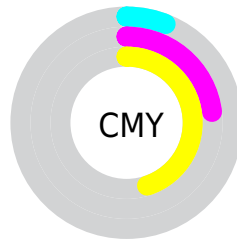
- Red (95%)
- Green (77%)
- Blue (55%)



- Red (86%)
- Yellow (95%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (42%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 34.981, 76.125 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, 34.981, 76.125 by changing the saturation by 10% instead.

 82, 34.981, 76.125

 82, 34.981, 76.125

 100, 34.981,
76.125

 72, 34.981, 76.125

 62, 34.981, 76.125

 52, 34.981, 76.125

 42, 34.981, 76.125

 32, 34.981, 76.125

 22, 34.981, 76.125

 12, 34.981, 76.125

 2, 34.981, 76.125

 0, 34.981, 76.125

82, 34.981, 76.125

82, 34.981, 76.125

79, 44.105, 74.726

85, 26.089, 77.499

76, 53.307, 73.264

88, 17.490, 78.836

73, 62.265, 71.686

91, 9.198, 80.129

71, 70.361, 69.863

95, 1.202, 81.138

68, 76.611, 67.552

98, 4.123, 242.074

66, 80.070, 65.114

99, 4.963, 199.224

Harmonies

Complementary

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



82, 34.981, 76.125



74, 32.455, 269.060

Rectangle

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



82, 34.981, 76.125



82, 34.981, 126.125



82, 34.981, 256.125



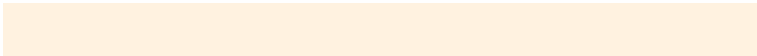
82, 34.981, 306.125

Sweetspot

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



82, 34.981, 76.130



96, 10.031, 80.067



70, 44.009, 350.939



51, 6.670, 79.900



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, 34.981, 76.130



84, 44.756, 74.924



93, 50.184, 108.458



49, 4.495, 80.387



52, 65.244, 65.783



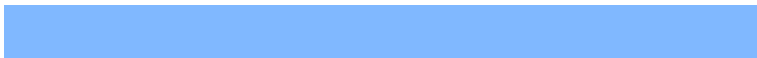
15, 23.569, 67.568

Inverse Universe

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



74, 32.455, 269.060



73, 40.905, 271.338



63, 55.965, 297.317



47, 4.435, 262.962



37, 63.422, 289.402



9, 23.762, 282.256

Previews

White Background



This preview shows how the CIELCh color 82, 34.981, 76.125 looks on a white background.

Color Contrast Check

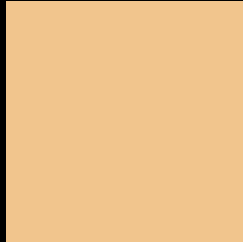
Large Text (above 18pt) WCAG AA × Fail

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 82, 34.981, 76.125 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, 34.981, 76.125

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.981, 76.125.



This preview shows how white text looks on a background with the CIELCh color 82, 34.981, 76.125.

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

82, 34.981, 76.125

Protanopia

82, 32.113, 95.657

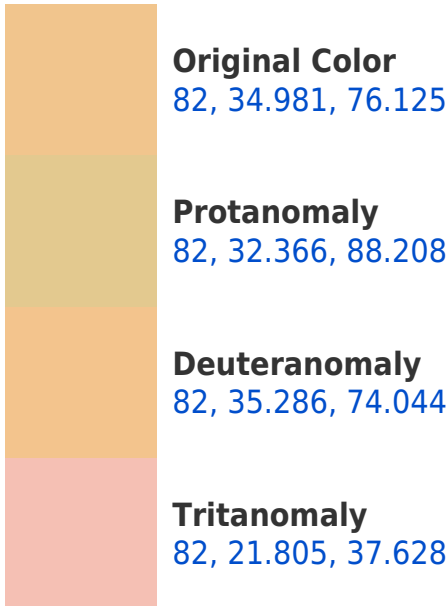
Deuteranopia

82, 35.382, 72.538

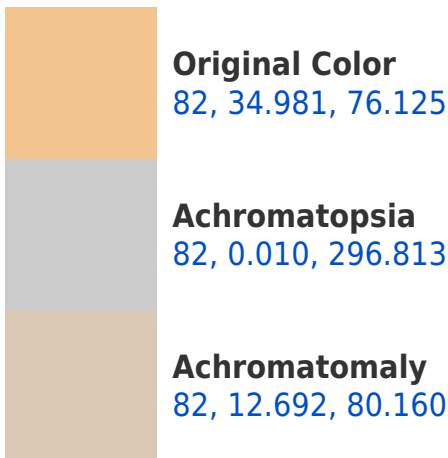


Tritanopia
82, 22.912, 2.648

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.981, 76.125 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(241, 197, 141)` looks like.

```
.text, #text, p{  
    color:rgb(241, 197, 141)  
}
```

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(241, 197, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 197, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.981, 76.125 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(241, 197, 141) }
```

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

```
.border{ border-color:rgb(241, 197, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 197, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 197, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 197, 141);  
box-shadow:4px 4px 4px 4px rgb(241, 197,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.981, 76.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 197, 141) }
```

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

```
.background{ background-color: rgb(241,  
197, 141) }
```

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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