

Converting Colors

CIELCh(82, 30.359, 67.966)

Have a look what the booklet for
CIELCh(82, 30.359, 67.966) contains.

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Color

CIELCh(82, 30.341, 67.870)

Conversions

Conversions Part 1

Format	Color
Hex	F3C398
RGB	243, 195, 152
RGB Percent	95%, 76%, 60%
CMY	0.0474, 0.2356, 0.4042
CMYK	0.00, 0.20, 0.37, 0.05
HSL	28°, 79%, 77%
HSV	28°, 37%, 95%
XYZ	62.0909, 60.2982, 38.0391
YIQ	204.4500, 42.4110, -3.1970

Conversions

Conversions Part 2

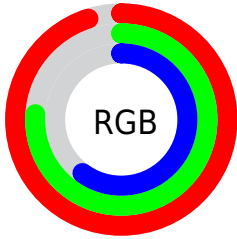
Format	Color
R _Y B	243, 234, 152
Decimal	15975320
CIE Lab	82.00, 11.43, 28.11
CIE LCh	82, 30.341, 67.870
Yxy	60.2982, 0.3870, 0.3759
Android (android.graphics.Color)	4294165400 (0xFFFF3C398)
YUV	204.4500, -25.8578, 33.8084
Hunter-Lab	77.6519, 6.8387, 25.3121

Details

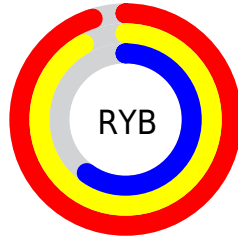
The CIELCh color **82, 30.341, 67.870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 26.745, 258.653**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 22.798, 105.612**, and **62, 30.063, 67.379** is the 20% darker color. If you saturate the color by 10%, you get **79, 39.450, 66.672**, and if you desaturate by 10%, it is **86, 21.659, 69.080**.

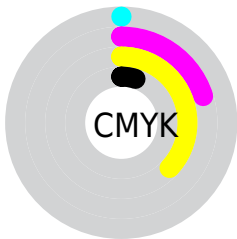
Distribution



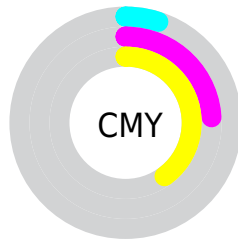
- Red (95%)
- Green (76%)
- Blue (60%)



- Red (95%)
- Yellow (92%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 30.341, 67.870 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, 30.341, 67.870 by changing the saturation by 10% instead.

 82, 30.341, 67.870

 82, 30.341, 67.870

 100, 30.341,
67.870

 72, 30.341, 67.870

 62, 30.341, 67.870

 52, 30.341, 67.870

 42, 30.341, 67.870

 32, 30.341, 67.870

 22, 30.341, 67.870

 12, 30.341, 67.870

 2, 30.341, 67.870

 0, 30.341, 67.870

82, 30.341, 67.870

82, 30.341, 67.870

79, 39.450, 66.672

86, 21.659, 69.080

75, 48.917, 65.457

89, 13.413, 70.276

72, 58.550, 64.189

93, 5.582, 71.429

69, 67.920, 62.763

97, 1.869, 252.934

66, 76.190, 60.945

99, 4.171, 199.300

63, 82.177, 58.369

63, 83.505, 57.688

Harmonies

Complementary

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



82, 30.341, 67.870



79, 26.745, 258.653

Rectangle

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



82, 30.341, 67.870



82, 30.341, 117.870



82, 30.341, 247.870



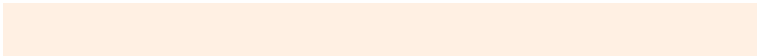
82, 30.341, 297.870

Sweetspot

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



82, 30.341, 67.876



96, 8.645, 71.029



73, 41.941, 345.440



50, 5.829, 70.872



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, 30.341, 67.876



83, 38.678, 66.954



93, 44.408, 105.063



49, 4.304, 71.204



49, 68.107, 58.369



14, 24.666, 58.635

Inverse Universe

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



79, 26.745, 258.653



79, 33.116, 260.535



67, 48.594, 293.898



49, 4.191, 253.668



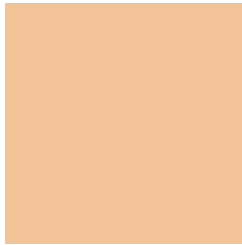
42, 53.967, 281.271



11, 21.117, 273.752

Previews

White Background



This preview shows how the CIELCh color 82, 30.341, 67.870 looks on a white background.

Color Contrast Check

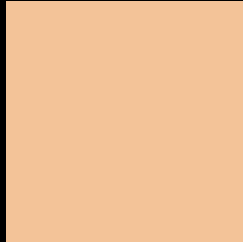
Large Text (above 18pt) WCAG AA × Fail

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, 30.341, 67.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

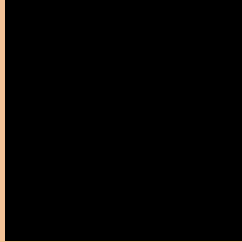
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 30.341, 67.870

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.341, 67.870.

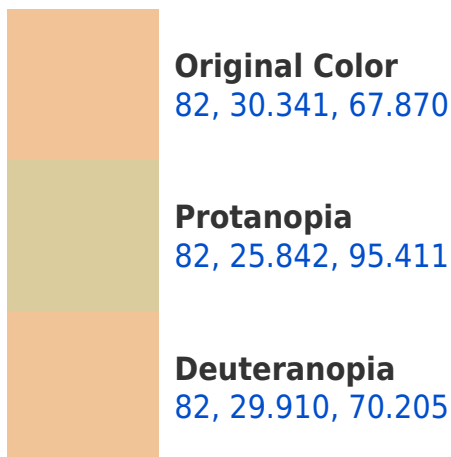


This preview shows how white text looks on a background with the CIELCh color 82, 30.341, 67.870.

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](#).

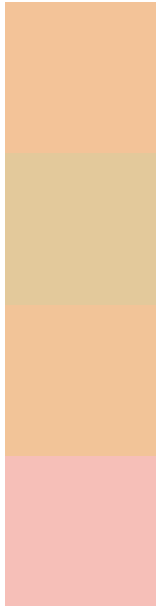
Dichromacy





Tritanopia
82, 23.786, 2.111

Trichromacy



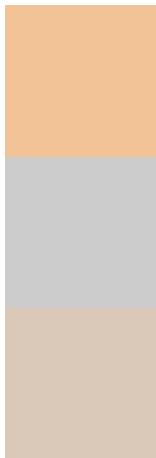
Original Color
82, 30.341, 67.870

Protanomaly
82, 26.480, 84.686

Deuteranomaly
82, 30.179, 69.605

Tritanomaly
82, 21.765, 30.706

Monochromacy



Original Color
82, 30.341, 67.870

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.656, 71.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.341, 67.870 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(243, 195, 152)` looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 152)  
}
```

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(243, 195, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.341, 67.870 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(243, 195, 152) }
```

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

```
.border{ border-color:rgb(243, 195, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 195, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 195, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 195, 152); box-shadow:4px 4px 4px 4px rgb(243, 195, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.341, 67.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 152) }
```

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

```
.background{ background-color: rgb(243,  
195, 152) }
```

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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