

Converting Colors

CIELCh(82, 34.682, 72.673)

Have a look what the booklet for
CIELCh(82, 34.682, 72.673) contains.

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Color

CIELCh(82, 34.682, 72.673)

Conversions

Conversions Part 1

Format	Color
Hex	F3C38E
RGB	243, 195, 142
RGB Percent	95%, 76%, 56%
CMY	0.0454, 0.2337, 0.4417
CMYK	0.00, 0.20, 0.42, 0.05
HSL	31°, 81%, 76%
HSV	31°, 42%, 95%
XYZ	61.6195, 60.2982, 34.1287
YIQ	203.3100, 45.6210, -6.3070

Conversions

Conversions Part 2

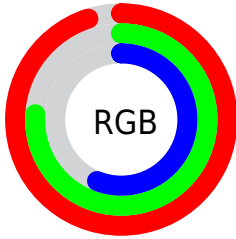
Format	Color
R _Y B	233, 243, 142
Decimal	15975310
CIE Lab	82.00, 10.33, 33.11
CIE LCh	82, 34.682, 72.673
Yxy	60.2982, 0.3949, 0.3864
Android (android.graphics.Color)	4294165390 (0xFFFF3C38E)
YUV	203.3100, -30.2258, 34.8081
Hunter-Lab	77.6519, 5.7552, 28.2979

Details

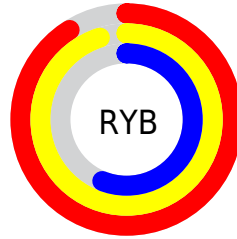
The CIELCh color **82, 34.682, 72.673** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 31.350, 265.454**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 28.311, 105.703**, and **62, 34.637, 72.242** is the 20% darker color. If you saturate the color by 10%, you get **79, 43.900, 71.331**, and if you desaturate by 10%, it is **85, 25.771, 74.001**.

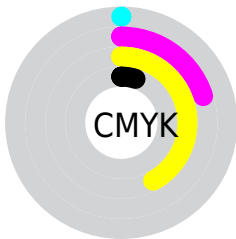
Distribution



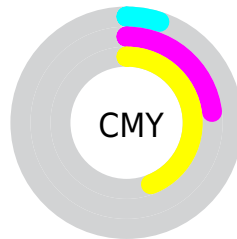
- Red (95%)
- Green (76%)
- Blue (56%)



- Red (91%)
- Yellow (95%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 34.682, 72.673 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, 34.682, 72.673 by changing the saturation by 10% instead.

 82, 34.682, 72.673

 82, 34.682, 72.673

 100, 34.682,
72.673

 72, 34.682, 72.673

 62, 34.682, 72.673

 52, 34.682, 72.673

 42, 34.682, 72.673

 32, 34.682, 72.673

 22, 34.682, 72.673

 12, 34.682, 72.673

 2, 34.682, 72.673

 0, 34.682, 72.673

82, 34.682, 72.673

82, 34.682, 72.673

79, 43.900, 71.331

85, 25.771, 74.001

76, 53.289, 69.937

89, 17.214, 75.301

73, 62.547, 68.434

92, 9.013, 76.564

70, 71.069, 66.684

95, 1.151, 77.514

67, 77.843, 64.417

99, 3.494, 214.274

65, 81.761, 61.970

99, 3.998, 199.317

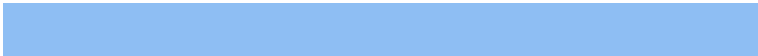
Harmonies

Complementary

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



82, 34.682, 72.673



76, 31.350, 265.454

Rectangle

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



82, 34.682, 72.673



82, 34.682, 122.673



82, 34.682, 252.673



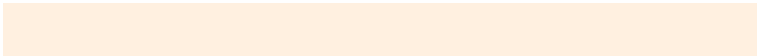
82, 34.682, 302.673

Sweetspot

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



82, 34.682, 72.678



96, 9.768, 76.500



71, 45.167, 348.875



51, 6.498, 76.337



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, 34.682, 72.678



83, 44.133, 71.520



94, 50.582, 106.934



49, 4.451, 76.811



51, 66.660, 62.647



15, 24.655, 64.013

Inverse Universe

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



76, 31.350, 265.454



75, 39.028, 267.755



63, 56.443, 296.361



49, 4.369, 259.369



39, 59.911, 286.430



10, 23.165, 279.355

Previews

White Background



This preview shows how the CIELCh color 82, 34.682, 72.673 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, 34.682, 72.673 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, 34.682, 72.673

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.682, 72.673.

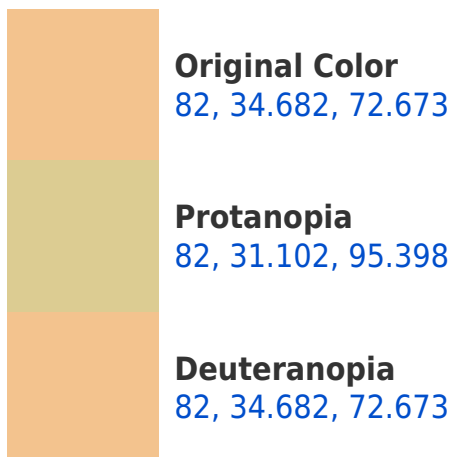


This preview shows how white text looks on a background with the CIELCh color 82, 34.682, 72.673.

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, 24.023, 3.658

Trichromacy



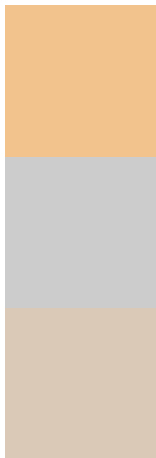
Original Color
82, 34.682, 72.673

Protanomaly
82, 31.688, 86.334

Deuteranomaly
82, 34.682, 72.673

Tritanomaly
82, 22.804, 35.622

Monochromacy



Original Color
82, 34.682, 72.673

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 11.975, 76.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.682, 72.673 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.682, 72.673 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, 142) }
```

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

```
.border{ border-color:rgb(243, 195, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 142);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.682, 72.673 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, 142) }
```

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

```
.background{ background-color: rgb(243,  
195, 142) }
```

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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