

Converting Colors

CIELCh(82, 43.534, 83.458)

Have a look what the booklet for
CIELCh(82, 43.534, 83.458) contains.

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Color

CIELCh(82, 43.644, 83.159)

Conversions

Conversions Part 1

Format	Color
Hex	EFC67A
RGB	239, 198, 122
RGB Percent	94%, 78%, 48%
CMY	0.0618, 0.2226, 0.5207
CMYK	0.00, 0.17, 0.49, 0.06
HSL	39°, 79%, 71%
HSV	39°, 49%, 94%
XYZ	59.4538, 60.2982, 26.9882
YIQ	201.5950, 48.8320, -14.9440

Conversions

Conversions Part 2

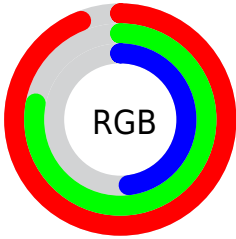
Format	Color
R _Y B	185, 239, 122
Decimal	15713914
CIE Lab	82.00, 5.20, 43.33
CIE LCh	82, 43.644, 83.159
Yxy	60.2982, 0.4052, 0.4109
Android (android.graphics.Color)	4293903994 (0xFFEFC67A)
YUV	201.5950, -39.2403, 32.8042
Hunter-Lab	77.6519, 0.7767, 33.7499

Details

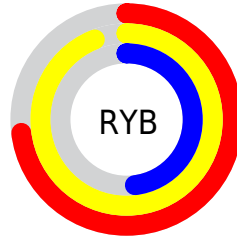
The CIELCh color **82, 43.644, 83.159** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67, 42.925, 278.789**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **62, 43.721, 82.760** is the 20% darker color. If you saturate the color by 10%, you get **80, 52.755, 81.686**, and if you desaturate by 10%, it is **84, 34.447, 84.585**.

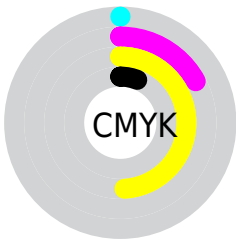
Distribution



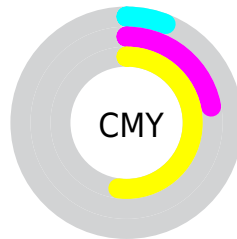
- Red (94%)
- Green (78%)
- Blue (48%)



- Red (73%)
- Yellow (94%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 43.644, 83.159 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, 43.644, 83.159 by changing the saturation by 10% instead.

 82, 43.644, 83.159

 82, 43.644, 83.159

 100, 43.644,
83.159

 72, 43.644, 83.159

 62, 43.644, 83.159

 52, 43.644, 83.159

 42, 43.644, 83.159

 32, 43.644, 83.159

 22, 43.644, 83.159

 12, 43.644, 83.159

 2, 43.644, 83.159

 0, 43.644, 83.159

82, 43.644, 83.159

82, 43.644, 83.159

80, 52.755, 81.686

84, 34.447, 84.585

77, 61.452, 80.119

87, 25.333, 85.963

75, 69.162, 78.381

90, 16.381, 87.297

73, 75.011, 76.323

92, 7.625, 88.576

71, 78.305, 73.773

95, 0.928, 270.180

71, 78.610, 73.490

97, 4.555, 245.901

99, 5.417, 199.184

Harmonies

Complementary

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



82, 43.644, 83.159



67, 42.925, 278.789

Rectangle

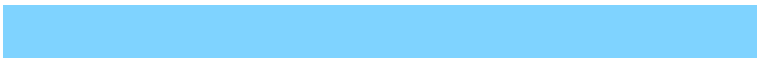
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 43.644, 83.159



82, 43.644, 133.159



82, 43.644, 263.159



82, 43.644, 313.159

Sweetspot

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



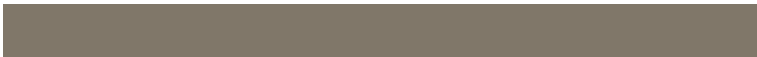
82, 43.644, 83.163



96, 13.615, 87.800



66, 49.575, 357.728



51, 9.313, 87.526



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, 43.644, 83.163



84, 55.634, 81.643



91, 58.500, 111.709



49, 4.871, 88.507



55, 64.456, 74.044



16, 24.351, 76.779

Inverse Universe

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



67, 42.925, 278.789



65, 54.993, 281.716



58, 66.586, 300.810



47, 4.860, 271.025



32, 74.310, 295.600



7, 27.509, 289.013

Previews

White Background



This preview shows how the CIELCh color 82, 43.644, 83.159 looks on a white background.

Color Contrast Check

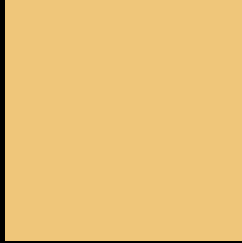
Large Text (above 18pt) WCAG AA × Fail

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, 43.644, 83.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

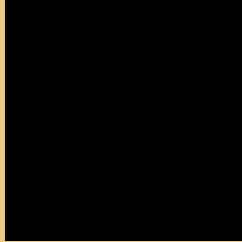
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 43.644, 83.159

Background



This preview shows how black text looks on a background with the CIELCh color 82, 43.644, 83.159.



This preview shows how white text looks on a background with the CIELCh color 82, 43.644, 83.159.

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, 43.644, 83.159

Protanopia

82, 42.351, 95.641

Deuteranopia

82, 44.222, 76.829



Tritanopia
82, 23.427, 1.761

Trichromacy



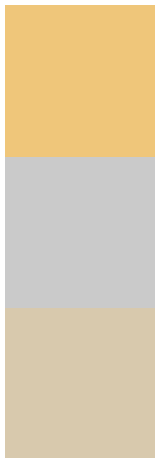
Original Color
82, 43.644, 83.159

Protanomaly
82, 42.767, 91.095

Deuteranomaly
82, 43.738, 78.998

Tritanomaly
82, 22.825, 45.162

Monochromacy



Original Color
82, 43.644, 83.159

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 15.907, 87.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 43.644, 83.159 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(239, 198, 122)` looks like.

```
.text, #text, p{  
    color:rgb(239, 198, 122)  
}
```

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(239, 198, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 198, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 43.644, 83.159 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(239, 198, 122) }
```

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

```
.border{ border-color:rgb(239, 198, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 198, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 198, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 198, 122);  
box-shadow:4px 4px 4px 4px rgb(239, 198,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 43.644, 83.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 198, 122) }
```

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

```
.background{ background-color: rgb(239,  
198, 122) }
```

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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