

Converting Colors

CIELCh(82, 43.966, 70.735)

Have a look what the booklet for
CIELCh(82, 43.966, 70.735) contains.

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Color

CIELCh(82, 44.239, 70.576)

Conversions

Conversions Part 1

Format	Color
Hex	FEC07E
RGB	254, 192, 126
RGB Percent	100%, 75%, 49%
CMY	0.0038, 0.2469, 0.5058
CMYK	0.00, 0.24, 0.50, 0.00
HSL	31°, 99%, 75%
HSV	31°, 50%, 100%
XYZ	63.5108, 60.2982, 28.0406
YIQ	203.0140, 58.1380, -7.3820

Conversions

Conversions Part 2

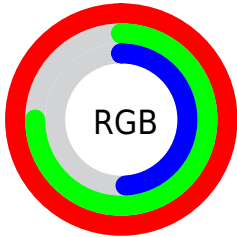
Format	Color
R _Y B	246, 254, 126
Decimal	16695422
CIE Lab	82.00, 14.71, 41.72
CIE LCh	82, 44.239, 70.576
Yxy	60.2982, 0.4182, 0.3971
Android (android.graphics.Color)	4294885502 (0xFFFE07E)
YUV	203.0140, -37.9679, 44.7147
Hunter-Lab	77.6519, 10.1027, 32.9464

Details

The CIELCh color **82, 44.239, 70.576** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.741, 266.896**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 34.464, 102.989**, and **62, 44.566, 70.865** is the 20% darker color. If you saturate the color by 10%, you get **79, 53.980, 69.212**, and if you desaturate by 10%, it is **85, 34.720, 71.909**.

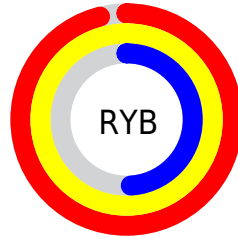
Distribution



Red (100%)

Green (75%)

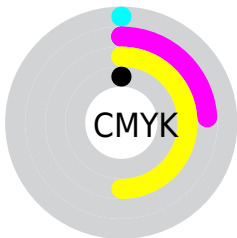
Blue (49%)



Red (96%)

Yellow (100%)

Blue (49%)

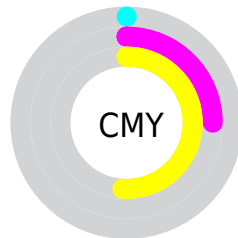


Cyan (0%)

Magenta (24%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 44.239, 70.576 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, 44.239, 70.576 by changing the saturation by 10% instead.

 82, 44.239, 70.576

 82, 44.239, 70.576

 100, 44.239,
70.576

 72, 44.239, 70.576

 62, 44.239, 70.576

 52, 44.239, 70.576

 42, 44.239, 70.576

 32, 44.239, 70.576

 22, 44.239, 70.576

 12, 44.239, 70.576

 2, 44.239, 70.576

 0, 44.239, 70.576

82, 44.239, 70.576

82, 44.239, 70.576

79, 53.980, 69.212

85, 34.720, 71.909

76, 63.656, 67.748

89, 25.545, 73.216

73, 72.681, 66.053

92, 16.755, 74.503

70, 80.040, 63.868

96, 8.347, 75.752

68, 84.787, 61.102

100, 0.296, 75.613

100, 0.335,
201.363

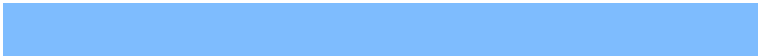
Harmonies

Complementary

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



82, 44.239, 70.576



75, 38.741, 266.896

Rectangle

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



82, 44.239, 70.576



82, 44.239, 120.576



82, 44.239, 250.576



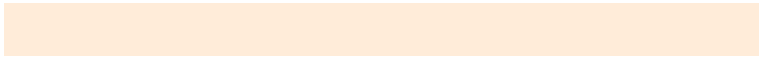
82, 44.239, 300.576

Sweetspot

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



82, 44.239, 70.581



95, 12.216, 75.183



69, 56.690, 349.160



50, 8.374, 74.918



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, 44.239, 70.581



79, 53.767, 69.265



97, 62.687, 105.366



51, 4.573, 75.858



52, 68.266, 61.799



16, 27.012, 63.396

Inverse Universe

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



75, 38.741, 266.896



70, 45.979, 269.907



59, 72.285, 297.667



50, 4.482, 258.416



40, 60.160, 285.686



12, 24.414, 279.257

Previews

White Background



This preview shows how the CIELCh color 82, 44.239, 70.576 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, 44.239, 70.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

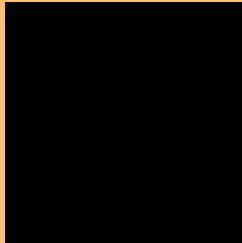
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 44.239, 70.576

Background



This preview shows how black text looks on a background with the CIELCh color 82, 44.239, 70.576.



This preview shows how white text looks on a background with the CIELCh color 82, 44.239, 70.576.

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, 26.850, 8.191

Trichromacy



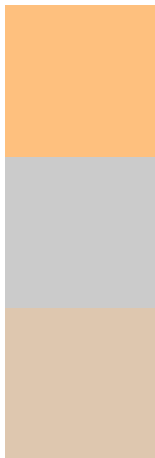
Original Color
82, 44.239, 70.576

Protanomaly
82, 39.968, 85.965

Deuteranomaly
82, 43.885, 74.158

Tritanomaly
82, 28.209, 38.555

Monochromacy



Original Color
82, 44.239, 70.576

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 15.573, 73.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 44.239, 70.576 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(254, 192, 126)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 126)  
}
```

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(254, 192, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 44.239, 70.576 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(254, 192, 126) }
```

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

```
.border{ border-color:rgb(254, 192, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 192, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 126);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 44.239, 70.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 126) }
```

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

```
.background{ background-color: rgb(254,  
192, 126) }
```

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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