

Converting Colors

CIELCh(83, 44.867, 73.641)

Have a look what the booklet for
CIELCh(83, 44.867, 73.641) contains.

CIELCh(83, 44.740, 73.607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 44.740, 73.607)

Conversions

Conversions Part 1

Format	Color
Hex	FEC47E
RGB	254, 196, 126
RGB Percent	100%, 77%, 49%
CMY	0.0033, 0.2307, 0.5053
CMYK	0.00, 0.23, 0.50, 0.00
HSL	33°, 99%, 75%
HSV	33°, 50%, 100%
XYZ	64.4856, 62.1629, 28.3884
YIQ	205.3620, 57.0380, -9.4740

Conversions

Conversions Part 2

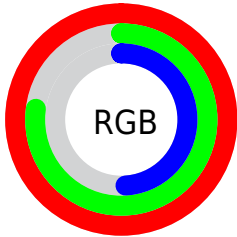
Format	Color
RYP	232, 254, 126
Decimal	16696446
CIELab	83.00, 12.63, 42.92
CIELCh	83, 44.740, 73.607
Yxy	62.1629, 0.4159, 0.4010
Android (android.graphics.Color)	4294886526 (0xFFFE47E)
YUV	205.3620, -39.1255, 42.6555
Hunter-Lab	78.8435, 8.0180, 33.8425

Details

The CIELCh color **83, 44.740, 73.607** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 40.370, 270.136**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 36.718, 106.156**, and **63, 44.881, 73.215** is the 20% darker color. If you saturate the color by 10%, you get **80, 54.396, 72.174**, and if you desaturate by 10%, it is **86, 35.225, 74.998**.

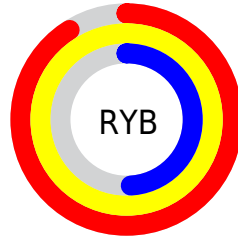
Distribution



Red (100%)

Green (77%)

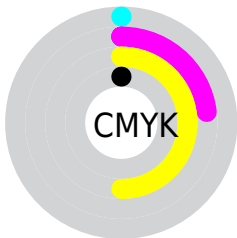
Blue (49%)



Red (91%)

Yellow (100%)

Blue (49%)

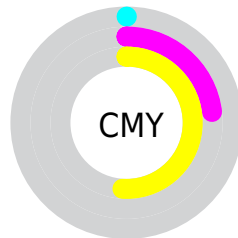


Cyan (0%)

Magenta (23%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 44.740, 73.607 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 83, 44.740, 73.607 by changing the saturation by 10% instead.

 83, 44.740, 73.607

 83, 44.740, 73.607

 100, 44.740,
73.607

 73, 44.740, 73.607

 63, 44.740, 73.607

 53, 44.740, 73.607

 43, 44.740, 73.607

 33, 44.740, 73.607

 23, 44.740, 73.607

 13, 44.740, 73.607

 3, 44.740, 73.607

 0, 44.740, 73.607

83, 44.740, 73.607

83, 44.740, 73.607

80, 54.396, 72.174

86, 35.225, 74.998

77, 63.884, 70.631

89, 25.991, 76.353

74, 72.602, 68.857

93, 17.090, 77.678

72, 79.540, 66.610

96, 8.527, 78.959

69, 83.849, 63.811

100, 0.288, 78.899

100, 0.288,
201.687

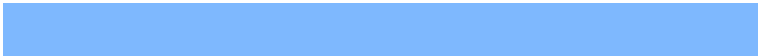
Harmonies

Complementary

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



83, 44.740, 73.607



74, 40.370, 270.136

Rectangle

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



83, 44.740, 73.607



83, 44.740, 123.607



83, 44.740, 253.607



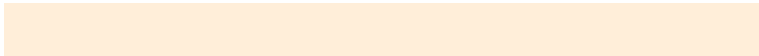
83, 44.740, 303.607

Sweetspot

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



83, 44.740, 73.612



95, 12.485, 78.373



69, 55.769, 351.264



50, 8.554, 78.102



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 44.740, 73.612



80, 54.184, 72.227



97, 62.713, 106.944



51, 4.680, 79.066



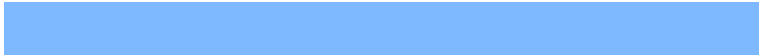
53, 67.536, 64.495



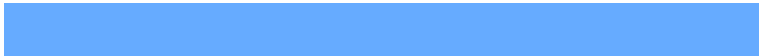
17, 27.077, 66.540

Inverse Universe

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



74, 40.370, 270.136



69, 48.106, 273.118



59, 72.252, 298.480



50, 4.608, 261.651



39, 63.941, 288.445



11, 25.823, 282.275

Previews

White Background



This preview shows how the CIELCh color 83, 44.740, 73.607 looks on a white background.

Color Contrast Check

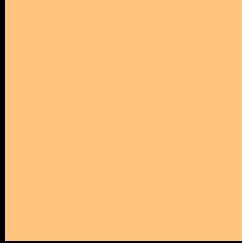
Large Text (above 18pt) WCAG AA × Fail

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 83, 44.740, 73.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

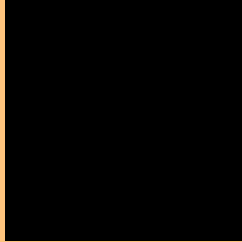
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 44.740, 73.607

Background



This preview shows how black text looks on a background with the CIELCh color 83, 44.740, 73.607.



This preview shows how white text looks on a background with the CIELCh color 83, 44.740, 73.607.

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
83, 25.733, 6.281

Trichromacy



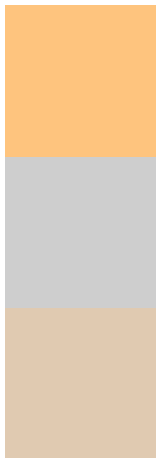
Original Color
83, 44.740, 73.607

Protanomaly
83, 41.145, 87.135

Deuteranomaly
83, 44.394, 75.246

Tritanomaly
83, 26.979, 41.482

Monochromacy



Original Color
83, 44.740, 73.607

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 15.746, 76.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 44.740, 73.607 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, 196, 126)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 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, 196, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 44.740, 73.607 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, 196, 126) }
```

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

```
.border{ border-color:rgb(254, 196, 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, 196, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 126);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 44.740, 73.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 196, 126) }
```

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

```
.background{ background-color: rgb(254,  
196, 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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