

Converting Colors

CIELCh(87, 54.446, 60.079)

Have a look what the booklet for
CIELCh(87, 54.446, 60.079) contains.

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Color

CIELCh(83, 43.809, 73.051)

Conversions

Conversions Part 1

Format	Color
Hex	FEC480
RGB	254, 196, 128
RGB Percent	100%, 77%, 50%
CMY	0.0038, 0.2309, 0.4974
CMYK	0.00, 0.23, 0.50, 0.00
HSL	32°, 98%, 75%
HSV	32°, 50%, 100%
XYZ	64.5493, 62.1629, 29.0704
YIQ	205.5900, 56.3960, -8.8520

Conversions

Conversions Part 2

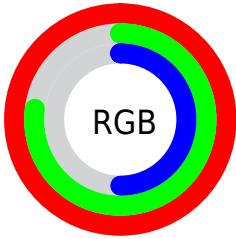
Format	Color
R _Y B	235, 254, 128
Decimal	16696448
CIE Lab	83.00, 12.77, 41.91
CIE LCh	83, 43.809, 73.051
Yxy	62.1629, 0.4144, 0.3990
Android (android.graphics.Color)	4294886528 (0xFFFE480)
YUV	205.5900, -38.2519, 42.4556
Hunter-Lab	78.8435, 8.1621, 33.3296

Details

The CIELCh color **83, 43.809, 73.051** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 39.339, 269.197**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 35.731, 106.202**, and **63, 43.982, 72.665** is the 20% darker color. If you saturate the color by 10%, you get **80, 53.473, 71.637**, and if you desaturate by 10%, it is **86, 34.320, 74.428**.

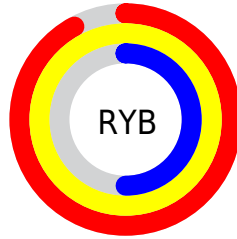
Distribution



Red (100%)

Green (77%)

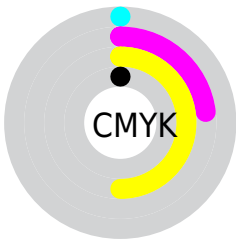
Blue (50%)



Red (92%)

Yellow (100%)

Blue (50%)

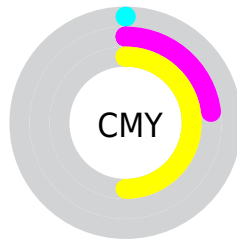


Cyan (0%)

Magenta (23%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 43.809, 73.051 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, 43.809, 73.051 by changing the saturation by 10% instead.

83, 43.809, 73.051

83, 43.809, 73.051

100, 43.809,
73.051

73, 43.809, 73.051

63, 43.809, 73.051

53, 43.809, 73.051

43, 43.809, 73.051

33, 43.809, 73.051

23, 43.809, 73.051

13, 43.809, 73.051

3, 43.809, 73.051

0, 43.809, 73.051

83, 43.809, 73.051

83, 43.809, 73.051

80, 53.473, 71.637

86, 34.320, 74.428

77, 63.028, 70.121

90, 25.132, 75.772

74, 71.903, 68.388

93, 16.290, 77.088

71, 79.122, 66.203

96, 7.796, 78.357

69, 83.815, 63.325

100, 0.301,
253.062

69, 84.010, 63.196

100, 0.341,
201.329

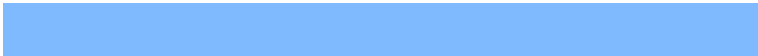
Harmonies

Complementary

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



83, 43.809, 73.051



74, 39.339, 269.197

Rectangle

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



83, 43.809, 73.051



83, 43.809, 123.051



83, 43.809, 253.051



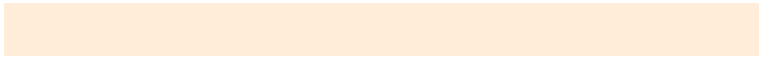
83, 43.809, 303.051

Sweetspot

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



83, 43.809, 73.056



95, 12.421, 77.673



70, 54.902, 351.130



50, 8.511, 77.403



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, 43.809, 73.056



80, 53.107, 71.715



97, 61.757, 107.011



51, 4.655, 78.362



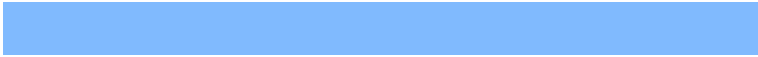
53, 67.685, 63.883



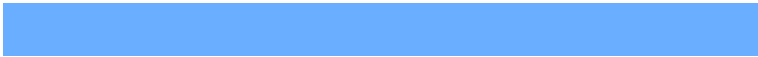
17, 27.055, 65.837

Inverse Universe

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



74, 39.339, 269.197



70, 46.839, 272.092



59, 70.929, 298.322



50, 4.579, 260.944



39, 63.087, 287.854



11, 25.503, 281.625

Previews

White Background



This preview shows how the CIELCh color 83, 43.809, 73.051 looks on a white background.

Color Contrast Check

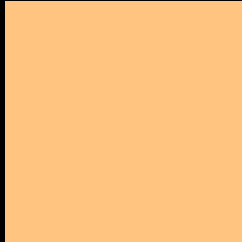
Large Text (above 18pt) WCAG AA × Fail

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, 43.809, 73.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

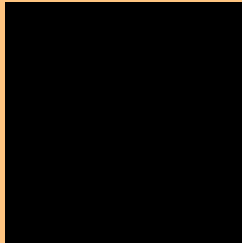
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 43.809, 73.051

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.809, 73.051.



This preview shows how white text looks on a background with the CIELCh color 83, 43.809, 73.051.

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, 43.856, 73.026

Protanomaly
83, 40.182, 86.785

Deuteranomaly
83, 43.254, 75.151

Tritanomaly
83, 26.744, 40.496

Monochromacy



Original Color
83, 43.856, 73.026

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 15.077, 76.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.809, 73.051 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.809, 73.051 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, 128) }
```

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

```
.border{ border-color:rgb(254, 196, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.809, 73.051 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, 128) }
```

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

```
.background{ background-color: rgb(254,  
196, 128) }
```

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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