

Converting Colors

CIELCh(83, 41.146, 71.080)

Have a look what the booklet for
CIELCh(83, 41.146, 71.080) contains.

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Color

CIELCh(83, 41.224, 71.101)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FEC486 |
| RGB | 254, 196, 134 |
| RGB Percent | 100%, 77%, 53% |
| CMY | 0.0046, 0.2320, 0.4751 |
| CMYK | 0.00, 0.23, 0.47, 0.00 |
| HSL | 31°, 98%, 76% |
| HSV | 31°, 47%, 100% |
| XYZ | 64.8057, 62.1629, 31.0820 |
| YIQ | 206.2740, 54.4700, -6.9860 |

Conversions

Conversions Part 2

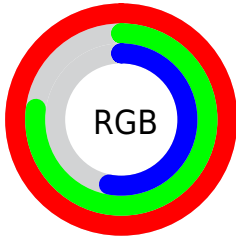
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 246, 254, 134 |
| Decimal | 16696454 |
| CIELab | 83.00, 13.35, 39.00 |
| CIELCh | 83, 41.224, 71.101 |
| Yxy | 62.1629, 0.4100, 0.3933 |
| Android (android.graphics.Color) | 4294886534 (0xFFFE486) |
| YUV | 206.2740, -35.6311, 41.8557 |
| Hunter-Lab | 78.8435, 8.7427, 31.8169 |

Details

The CIELCh color **83, 41.224, 71.101** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 36.443, 266.132**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 32.761, 106.329**, and **63, 41.277, 70.817** is the 20% darker color. If you saturate the color by 10%, you get **80, 50.907, 69.751**, and if you desaturate by 10%, it is **86, 31.811, 72.429**.

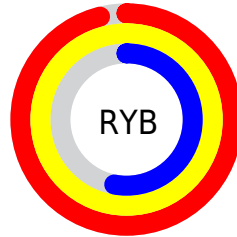
Distribution



Red (100%)

Green (77%)

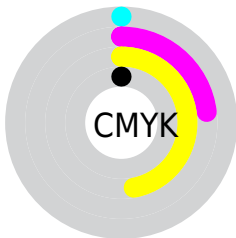
Blue (53%)



Red (96%)

Yellow (100%)

Blue (53%)

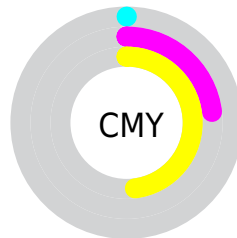


Cyan (0%)

Magenta (23%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 41.224, 71.101 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, 41.224, 71.101 by changing the saturation by 10% instead.

 83, 41.224, 71.101

 83, 41.224, 71.101

 100, 41.224,
71.101

 73, 41.224, 71.101

 63, 41.224, 71.101

 53, 41.224, 71.101

 43, 41.224, 71.101

 33, 41.224, 71.101

 23, 41.224, 71.101

 13, 41.224, 71.101

 3, 41.224, 71.101

 0, 41.224, 71.101

83, 41.224, 71.101

83, 41.224, 71.101

80, 50.907, 69.751

86, 31.811, 72.429

77, 60.637, 68.323

90, 22.759, 73.732

74, 69.937, 66.718

93, 14.091, 75.012

71, 77.931, 64.721

97, 5.798, 76.237

68, 83.446, 61.992

100, 0.408,
201.003

68, 84.695, 61.196

Harmonies

Complementary

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



83, 41.224, 71.101



76, 36.443, 266.132

Rectangle

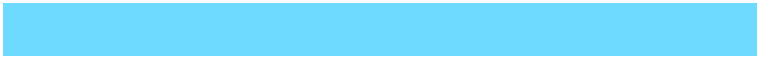
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 41.224, 71.101



83, 41.224, 121.101



83, 41.224, 251.101



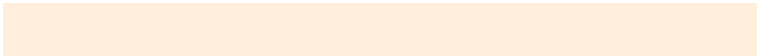
83, 41.224, 301.101

Sweetspot

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



83, 41.224, 71.106



95, 11.385, 75.421



71, 52.930, 349.717



50, 7.898, 75.151



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, 41.224, 71.106



80, 50.838, 69.786



97, 59.088, 106.420



51, 4.577, 75.972



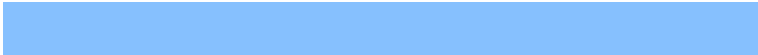
52, 68.238, 61.891



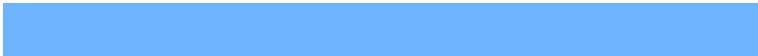
16, 27.013, 63.506

Inverse Universe

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



76, 36.443, 266.132



72, 43.831, 269.036



61, 67.315, 297.456



50, 4.487, 258.532



40, 60.290, 285.787



12, 24.462, 279.367

Previews

White Background



This preview shows how the CIELCh color 83, 41.224, 71.101 looks on a white background.

Color Contrast Check

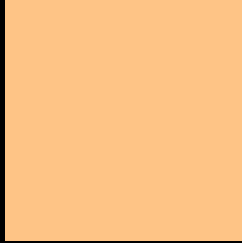
Large Text (above 18pt) WCAG AA × Fail

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, 41.224, 71.101 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, 41.224, 71.101

Background



This preview shows how black text looks on a background with the CIELCh color 83, 41.224, 71.101.



This preview shows how white text looks on a background with the CIELCh color 83, 41.224, 71.101.

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
83, 41.224, 71.101

Protanopia
83, 36.635, 96.008

Deuteranopia
83, 40.686, 75.436



Tritanopia
83, 25.733, 6.281

Trichromacy



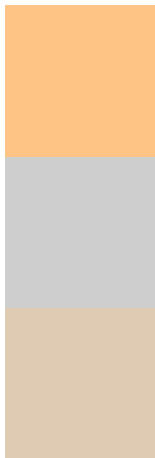
Original Color
83, 41.224, 71.101

Protanomaly
83, 37.611, 86.395

Deuteranomaly
83, 41.018, 73.650

Tritanomaly
83, 26.512, 37.211

Monochromacy



Original Color
83, 41.224, 71.101

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 14.183, 74.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 41.224, 71.101 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 41.224, 71.101 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, 134) }
```

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

```
.border{ border-color:rgb(254, 196, 134) }
```

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, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 134);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 41.224, 71.101 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, 134) }
```

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

```
.background{ background-color: rgb(254,  
196, 134) }
```

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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