

Converting Colors

CIELCh(90, 65.604, 54.890)

Have a look what the booklet for
CIELCh(90, 65.604, 54.890) contains.

CIELCh(83, 45.437, 73.454)	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, 45.437, 73.454)

Conversions

Conversions Part 1

Format	Color
Hex	FFC47D
RGB	255, 196, 125
RGB Percent	100%, 77%, 49%
CMY	0.0004, 0.2317, 0.5101
CMYK	0.00, 0.23, 0.51, 0.00
HSL	33°, 100%, 74%
HSV	33°, 51%, 100%
XYZ	64.6236, 62.1629, 27.9677
YIQ	205.5470, 57.9550, -9.5730

Conversions

Conversions Part 2

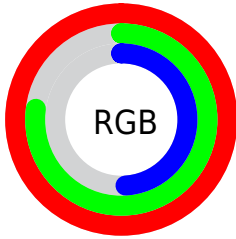
Format	Color
RYB	233, 255, 125
Decimal	16761981
CIELab	83.00, 12.94, 43.56
CIELCh	83, 45.437, 73.454
Yxy	62.1629, 0.4176, 0.4017
Android (android.graphics.Color)	4294952061 (0xFFFFC47D)
YUV	205.5470, -39.7097, 43.3703
Hunter-Lab	78.8435, 8.3303, 34.1588

Details

The CIELCh color **83, 45.437, 73.454** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 40.924, 270.251**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.210, 106.132**, and **63, 45.604, 73.018** is the 20% darker color. If you saturate the color by 10%, you get **80, 55.118, 72.018**, and if you desaturate by 10%, it is **86, 35.885, 74.846**.

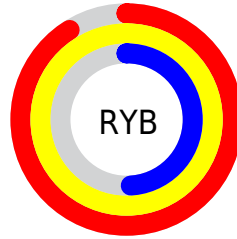
Distribution



Red (100%)

Green (77%)

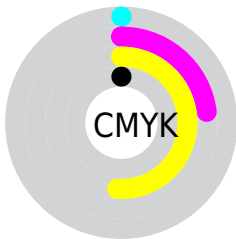
Blue (49%)



Red (91%)

Yellow (100%)

Blue (49%)

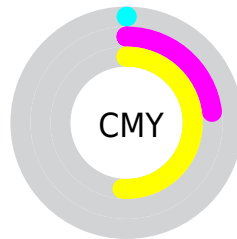


Cyan (0%)

Magenta (23%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 45.437, 73.454 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, 45.437, 73.454 by changing the saturation by 10% instead.

 83, 45.437, 73.454

 83, 45.437, 73.454

 100, 45.437,
73.454

 73, 45.437, 73.454

 63, 45.437, 73.454

 53, 45.437, 73.454

 43, 45.437, 73.454

 33, 45.437, 73.454

 23, 45.437, 73.454

 13, 45.437, 73.454

 3, 45.437, 73.454

 0, 45.437, 73.454

83, 45.437, 73.454

83, 45.437, 73.454

80, 55.118, 72.018

86, 35.885, 74.846

77, 64.606, 70.466

89, 26.611, 76.203

74, 73.271, 68.671

93, 17.670, 77.530

72, 80.081, 66.384

96, 9.069, 78.814

69, 84.054, 63.746

100, 0.796, 79.630

100, 0.033,
220.014

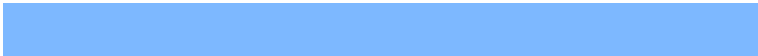
Harmonies

Complementary

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



83, 45.437, 73.454



73, 40.924, 270.251

Rectangle

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



83, 45.437, 73.454



83, 45.437, 123.454



83, 45.437, 253.454



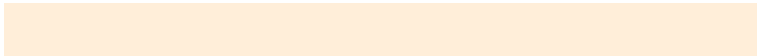
83, 45.437, 303.454

Sweetspot

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



83, 45.437, 73.459



95, 12.479, 78.307



69, 56.538, 351.370



50, 8.549, 78.035



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, 45.437, 73.459



80, 55.141, 72.017



97, 63.566, 106.893



51, 4.678, 78.999



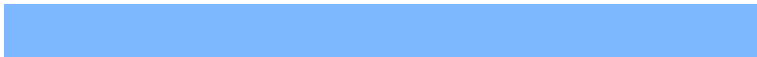
53, 67.550, 64.436



17, 27.075, 66.473

Inverse Universe

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



73, 40.924, 270.251



69, 48.850, 273.387



59, 73.412, 298.602



50, 4.605, 261.584



39, 63.859, 288.389



11, 25.792, 282.213

Previews

White Background



This preview shows how the CIELCh color 83, 45.437, 73.454 looks on a white background.

Color Contrast Check

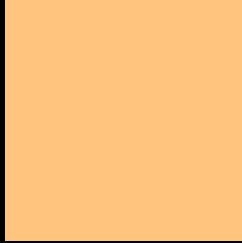
Large Text (above 18pt) WCAG AA × Fail

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, 45.437, 73.454 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, 45.437, 73.454

Background



This preview shows how black text looks on a background with the CIELCh color 83, 45.437, 73.454.



This preview shows how white text looks on a background with the CIELCh color 83, 45.437, 73.454.

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, 25.250, 7.162

Trichromacy



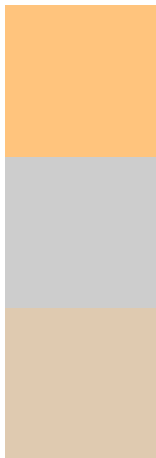
Original Color
83, 45.437, 73.454

Protanomaly
83, 41.780, 86.762

Deuteranomaly
83, 44.842, 75.513

Tritanomaly
83, 26.979, 41.482

Monochromacy



Original Color
83, 45.437, 73.454

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 15.991, 78.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 45.437, 73.454 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(255, 196, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 125)  
}
```

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(255, 196, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 45.437, 73.454 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(255, 196, 125) }
```

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

```
.border{ border-color:rgb(255, 196, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 45.437, 73.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 125) }
```

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

```
.background{ background-color: rgb(255,  
196, 125) }
```

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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