

Converting Colors

CIELCh(84, 57.608, 81.338)

Have a look what the booklet for
CIELCh(84, 57.608, 81.338) contains.

CIELCh(84, 57.373, 81.546)	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(84, 57.373, 81.546)

Conversions

Conversions Part 1

Format	Color
Hex	FFC964
RGB	255, 201, 100
RGB Percent	100%, 79%, 39%
CMY	0.0000, 0.2111, 0.6072
CMYK	0.00, 0.21, 0.61, 0.00
HSL	39°, 100%, 70%
HSV	39°, 61%, 100%
XYZ	64.5377, 64.0658, 21.0604
YIQ	205.6320, 64.6050, -19.9630

Conversions

Conversions Part 2

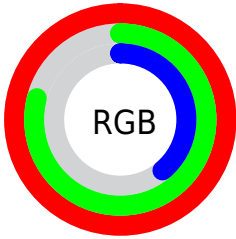
Format	Color
R _Y B	183, 255, 100
Decimal	16763236
CIE Lab	84.00, 8.43, 56.75
CIE LCh	84, 57.373, 81.546
Yxy	64.0658, 0.4312, 0.4281
Android (android.graphics.Color)	4294953316 (0xFFFFC964)
YUV	205.6320, -52.0766, 43.2957
Hunter-Lab	80.0411, 3.8540, 40.4284

Details

The CIELCh color **84, 57.373, 81.546** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **64, 56.920, 282.459**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 50.222, 106.336**, and **64, 57.407, 81.346** is the 20% darker color. If you saturate the color by 10%, you get **82, 66.335, 80.021**, and if you desaturate by 10%, it is **86, 47.797, 83.113**.

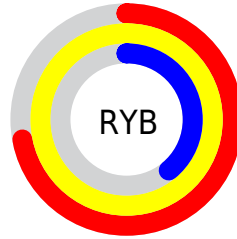
Distribution



Red (100%)

Green (79%)

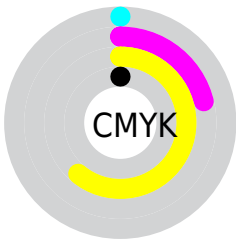
Blue (39%)



Red (72%)

Yellow (100%)

Blue (39%)

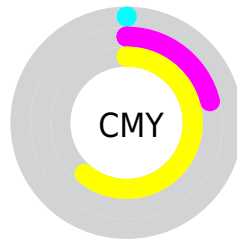


Cyan (0%)

Magenta (21%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 57.373, 81.546 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 84, 57.373, 81.546 by changing the saturation by 10% instead.

 84, 57.373, 81.546

 84, 57.373, 81.546

 100, 57.373,
81.546

 74, 57.373, 81.546

 64, 57.373, 81.546

 54, 57.373, 81.546

 44, 57.373, 81.546

 34, 57.373, 81.546

 24, 57.373, 81.546

 14, 57.373, 81.546

 4, 57.373, 81.546

 0, 57.373, 81.546

84, 57.373, 81.546

84, 57.373, 81.546

82, 66.335, 80.021

86, 47.797, 83.113

79, 74.112, 78.231

89, 38.105, 84.547

77, 79.700, 76.080

92, 28.468, 85.937

75, 82.496, 73.643

94, 18.988, 87.283

97, 9.706, 88.579

100, 0.637, 89.400

100, 0.012,
296.813

Harmonies

Complementary

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



84, 57.373, 81.546



64, 56.920, 282.459

Rectangle

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



84, 57.373, 81.546



84, 57.373, 131.546



84, 57.373, 261.546



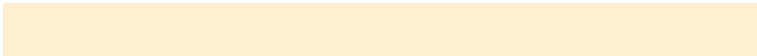
84, 57.373, 311.546

Sweetspot

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



84, 57.338, 81.618



95, 16.440, 87.642



64, 63.463, 1.573



50, 11.463, 87.259



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 57.338, 81.618



81, 68.245, 79.635



96, 74.632, 111.790



52, 5.139, 88.731



58, 66.445, 74.214



19, 27.912, 76.976

Inverse Universe

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



64, 56.920, 282.459



57, 69.291, 286.565



53, 88.602, 303.023



50, 5.129, 271.261



33, 77.187, 295.873



9, 30.958, 290.610

Previews

White Background



This preview shows how the CIELCh color 84, 57.373, 81.546 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 84, 57.373, 81.546 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 84, 57.373, 81.546

Background



This preview shows how black text looks on a background with the CIELCh color 84, 57.373, 81.546.



This preview shows how white text looks on a background with the CIELCh color 84, 57.373, 81.546.

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

84, 57.373, 81.546

Protanopia

84, 55.234, 95.635

Deuteranopia

84, 50.540, 78.543



Tritanopia
84, 24.066, 6.328

Trichromacy



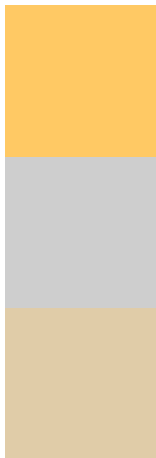
Original Color
84, 57.373, 81.546

Protanomaly
84, 55.547, 90.703

Deuteranomaly
84, 52.773, 79.456

Tritanomaly
84, 28.512, 52.737

Monochromacy



Original Color
84, 57.373, 81.546

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 20.551, 85.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 57.373, 81.546 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, 201, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 100)  
}
```

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, 201, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 57.373, 81.546 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, 201, 100) }
```

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

```
.border{ border-color:rgb(255, 201, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 57.373, 81.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 100) }
```

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

```
.background{ background-color: rgb(255,  
201, 100) }
```

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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