

Converting Colors

CIELCh(84, 43.356, 89.723)

Have a look what the booklet for
CIELCh(84, 43.356, 89.723) contains.

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Color

CIELCh(84, 43.461, 89.739)

Conversions

Conversions Part 1

Format	Color
Hex	EDCF7F
RGB	237, 207, 127
RGB Percent	93%, 81%, 50%
CMY	0.0712, 0.1888, 0.5025
CMYK	0.00, 0.13, 0.46, 0.07
HSL	44°, 75%, 71%
HSV	44°, 46%, 93%
XYZ	60.9765, 64.0658, 29.1855
YIQ	206.8500, 43.5600, -18.5200

Conversions

Conversions Part 2

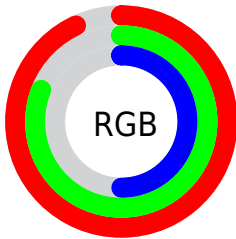
Format	Color
R _Y B	168, 237, 127
Decimal	15585151
CIE Lab	84.00, 0.20, 43.46
CIE LCh	84, 43.461, 89.739
Yxy	64.0658, 0.3954, 0.4154
Android (android.graphics.Color)	4293775231 (0xFFEDCF7F)
YUV	206.8500, -39.3660, 26.4416
Hunter-Lab	80.0411, -4.0879, 34.4098

Details

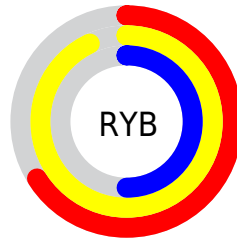
The CIELCh color **84, 43.461, 89.739** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **65, 44.778, 283.694**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.154, 107.345**, and **64, 43.413, 89.868** is the 20% darker color. If you saturate the color by 10%, you get **82, 52.694, 88.362**, and if you desaturate by 10%, it is **86, 34.025, 91.086**.

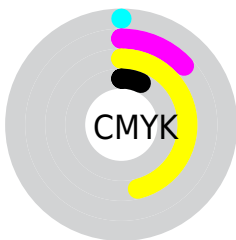
Distribution



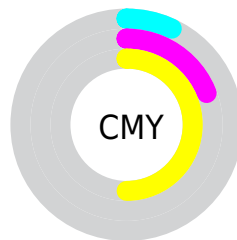
- Red (93%)
- Green (81%)
- Blue (50%)



- Red (66%)
- Yellow (93%)
- Blue (50%)



- Cyan (0%)
- Magenta (13%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (19%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 43.461, 89.739 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, 43.461, 89.739 by changing the saturation by 10% instead.

 84, 43.461, 89.739

 84, 43.461, 89.739

 100, 43.461,
89.739

 74, 43.461, 89.739

 64, 43.461, 89.739

 54, 43.461, 89.739

 44, 43.461, 89.739

 34, 43.461, 89.739

 24, 43.461, 89.739

 14, 43.461, 89.739

 4, 43.461, 89.739

 0, 43.461, 89.739

84, 43.461, 89.739

84, 43.461, 89.739

82, 52.694, 88.362

86, 34.025, 91.086

80, 61.401, 86.928

88, 24.562, 92.394

78, 69.042, 85.402

90, 15.168, 93.662

77, 74.836, 83.703

92, 5.889, 94.871

75, 77.985, 81.699

94, 3.254, 276.167

75, 78.696, 80.935

96, 5.625, 258.278

98, 5.405, 215.303

99, 6.228, 199.117

Harmonies

Complementary

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



84, 43.461, 89.739



65, 44.778, 283.694

Rectangle

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



84, 43.461, 89.739



84, 43.461, 139.739



84, 43.461, 269.739



84, 43.461, 319.739

Sweetspot

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



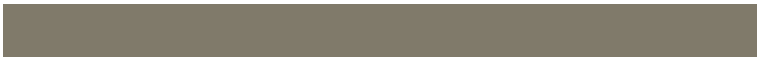
84, 43.462, 89.743



97, 13.693, 93.956



66, 45.613, 3.255



51, 9.469, 93.688



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, 43.462, 89.743



88, 55.520, 88.392



90, 55.857, 115.588



48, 5.174, 94.515



58, 64.422, 81.370



17, 24.289, 84.254

Inverse Universe

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



65, 44.778, 283.694



64, 58.105, 286.225



60, 62.519, 302.832



46, 5.203, 276.904



28, 82.642, 299.593



5, 28.811, 291.462

Previews

White Background



This preview shows how the CIELCh color 84, 43.461, 89.739 looks on a white background.

Color Contrast Check

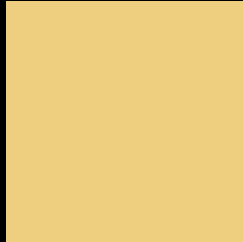
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 43.461, 89.739 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, 43.461, 89.739

Background



This preview shows how black text looks on a background with the CIELCh color 84, 43.461, 89.739.



This preview shows how white text looks on a background with the CIELCh color 84, 43.461, 89.739.

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, 43.461, 89.739

Protanopia

84, 43.138, 95.912

Deuteranopia

84, 44.467, 76.046



Tritanopia
84, 19.386, 357.085

Trichromacy



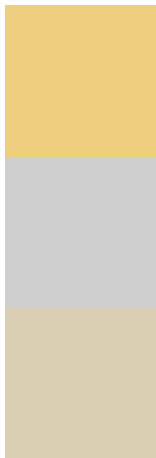
Original Color
84, 43.461, 89.739

Protanomaly
84, 43.054, 93.640

Deuteranomaly
84, 43.526, 80.365

Tritanomaly
84, 19.269, 53.137

Monochromacy



Original Color
84, 43.461, 89.739

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 15.816, 93.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 43.461, 89.739 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(237, 207, 127)` looks like.

```
.text, #text, p{  
    color:rgb(237, 207, 127)  
}
```

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(237, 207, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 207, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 43.461, 89.739 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(237, 207, 127) }
```

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

```
.border{ border-color:rgb(237, 207, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 207, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 207, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 207, 127);  
box-shadow:4px 4px 4px 4px rgb(237, 207,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 43.461, 89.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 207, 127) }
```

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

```
.background{ background-color: rgb(237,  
207, 127) }
```

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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