

Converting Colors

CIELCh(88, 44.739, 86.400)

Have a look what the booklet for
CIELCh(88, 44.739, 86.400) contains.

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Color

CIELCh(88, 44.793, 86.021)

Conversions

Conversions Part 1

Format	Color
Hex	FED887
RGB	254, 216, 135
RGB Percent	100%, 85%, 53%
CMY	0.0032, 0.1522, 0.4699
CMYK	0.00, 0.15, 0.47, 0.00
HSL	41°, 99%, 76%
HSV	41°, 47%, 100%
XYZ	69.9306, 72.0653, 33.2086
YIQ	218.1280, 48.6490, -17.1350

Conversions

Conversions Part 2

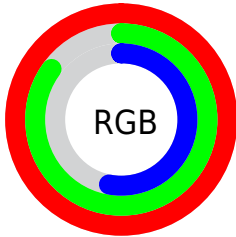
Format	Color
R _Y B	191, 254, 135
Decimal	16701575
CIE Lab	88.00, 3.11, 44.69
CIE LCh	88, 44.793, 86.021
Yxy	72.0653, 0.3991, 0.4113
Android (android.graphics.Color)	4294891655 (0xFF FED887)
YUV	218.1280, -40.9821, 31.4597
Hunter-Lab	84.8913, -1.5174, 36.2303

Details

The CIELCh color **88, 44.793, 86.021** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **71, 44.946, 280.630**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **68, 44.830, 85.896** is the 20% darker color. If you saturate the color by 10%, you get **86, 54.443, 84.579**, and if you desaturate by 10%, it is **90, 35.022, 87.423**.

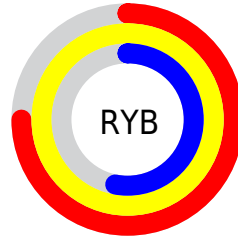
Distribution



Red (100%)

Green (85%)

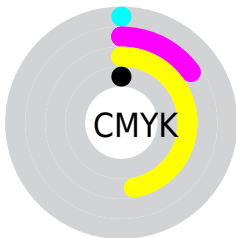
Blue (53%)



Red (75%)

Yellow (100%)

Blue (53%)

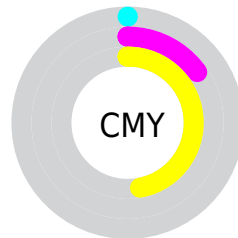


Cyan (0%)

Magenta (15%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 44.793, 86.021 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 88, 44.793, 86.021 by changing the saturation by 10% instead.

 88, 44.793, 86.021

 88, 44.793, 86.021

 100, 44.793,
86.021

 78, 44.793, 86.021

 68, 44.793, 86.021

 58, 44.793, 86.021

 48, 44.793, 86.021

 38, 44.793, 86.021

 28, 44.793, 86.021

 18, 44.793, 86.021

 8, 44.793, 86.021

 0, 44.793, 86.021

■ 88, 44.793, 86.021

■ 88, 44.793, 86.021

■ 86, 54.443, 84.579

■ 90, 35.022, 87.423

■ 83, 63.645, 83.059

■ 93, 25.301, 88.779

■ 81, 71.830, 81.406

■ 95, 15.716, 90.092

■ 79, 78.133, 79.504

■ 98, 6.305, 91.342

■ 77, 81.644, 77.173

100, 0.280,
201.751

■ 77, 82.381, 76.374

Harmonies

Complementary

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



88, 44.793, 86.021



71, 44.946, 280.630

Rectangle

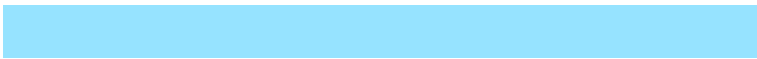
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 44.793, 86.021



88, 44.793, 136.021



88, 44.793, 266.021



88, 44.793, 316.021

Sweetspot

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



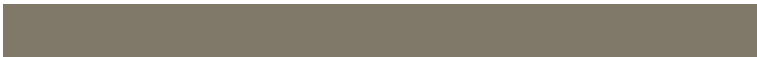
88, 44.794, 86.025



96, 13.075, 90.453



71, 49.351, 359.727



51, 9.047, 90.177



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 44.794, 86.025



86, 53.798, 84.699



96, 59.207, 113.342



52, 5.284, 91.016



59, 66.546, 76.893



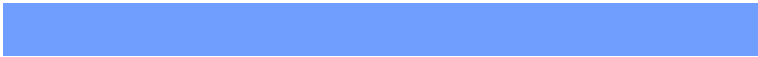
19, 28.289, 79.648

Inverse Universe

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



71, 44.946, 280.630



66, 54.423, 283.108



63, 66.745, 301.464



50, 5.290, 273.506



32, 80.735, 297.450



8, 32.398, 292.437

Previews

White Background



This preview shows how the CIELCh color 88, 44.793, 86.021 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 88, 44.793, 86.021 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 88, 44.793, 86.021

Background



This preview shows how black text looks on a background with the CIELCh color 88, 44.793, 86.021.



This preview shows how white text looks on a background with the CIELCh color 88, 44.793, 86.021.

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
88, 44.793, 86.021

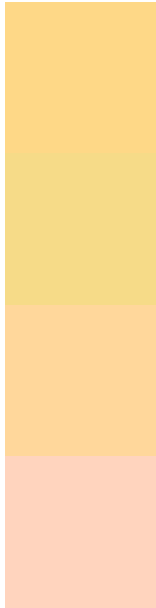
Protanopia
88, 43.847, 95.745

Deuteranopia
88, 30.092, 74.997



Tritanopia
88, 17.985, 0.553

Trichromacy



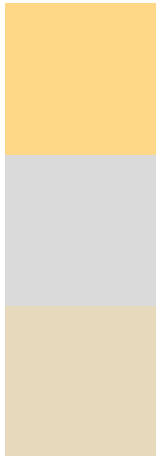
Original Color
88, 44.793, 86.021

Protanomaly
88, 44.125, 91.945

Deuteranomaly
88, 35.323, 80.167

Tritanomaly
88, 20.333, 54.313

Monochromacy



Original Color
88, 44.793, 86.021

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 16.025, 89.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 44.793, 86.021 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, 216, 135)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 135)  
}
```

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, 216, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 44.793, 86.021 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, 216, 135) }
```

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

```
.border{ border-color:rgb(254, 216, 135) }
```

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

Here you see how a box with a 4 pixel rgb(254, 216, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 135);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 44.793, 86.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 135) }
```

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

```
.background{ background-color: rgb(254,  
216, 135) }
```

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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