

Converting Colors

CIELCh(89, 40.954, 80.602)

Have a look what the booklet for
CIELCh(89, 40.954, 80.602) contains.

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Color

CIELCh(88, 39.566, 83.961)

Conversions

Conversions Part 1

Format	Color
Hex	FED892
RGB	254, 216, 146
RGB Percent	100%, 85%, 57%
CMY	0.0052, 0.1539, 0.4282
CMYK	0.00, 0.15, 0.43, 0.01
HSL	39°, 98%, 78%
HSV	39°, 43%, 99%
XYZ	70.4218, 72.0653, 37.3180
YIQ	219.3820, 45.1180, -13.7140

Conversions

Conversions Part 2

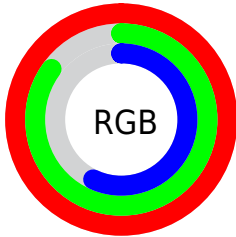
Format	Color
R _Y B	205, 254, 146
Decimal	16701586
CIE Lab	88.00, 4.16, 39.35
CIE LCh	88, 39.566, 83.961
Yxy	72.0653, 0.3917, 0.4008
Android (android.graphics.Color)	4294891666 (0xFF FED892)
YUV	219.3820, -36.1773, 30.3600
Hunter-Lab	84.8913, -0.4846, 33.3601

Details

The CIELCh color **88, 39.566, 83.961** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 38.883, 277.123**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **68, 39.732, 83.419** is the 20% darker color. If you saturate the color by 10%, you get **85, 49.202, 82.521**, and if you desaturate by 10%, it is **91, 29.968, 85.364**.

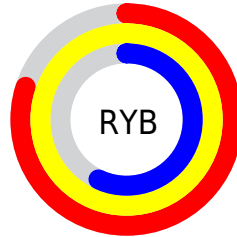
Distribution



Red (100%)

Green (85%)

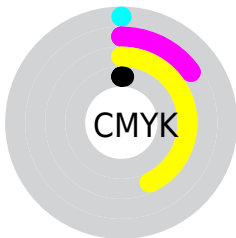
Blue (57%)



Red (80%)

Yellow (100%)

Blue (57%)

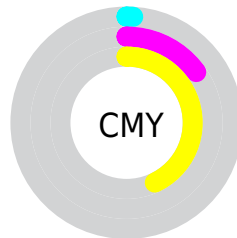


Cyan (0%)

Magenta (15%)

Yellow (43%)

Black (1%)



Cyan (1%)

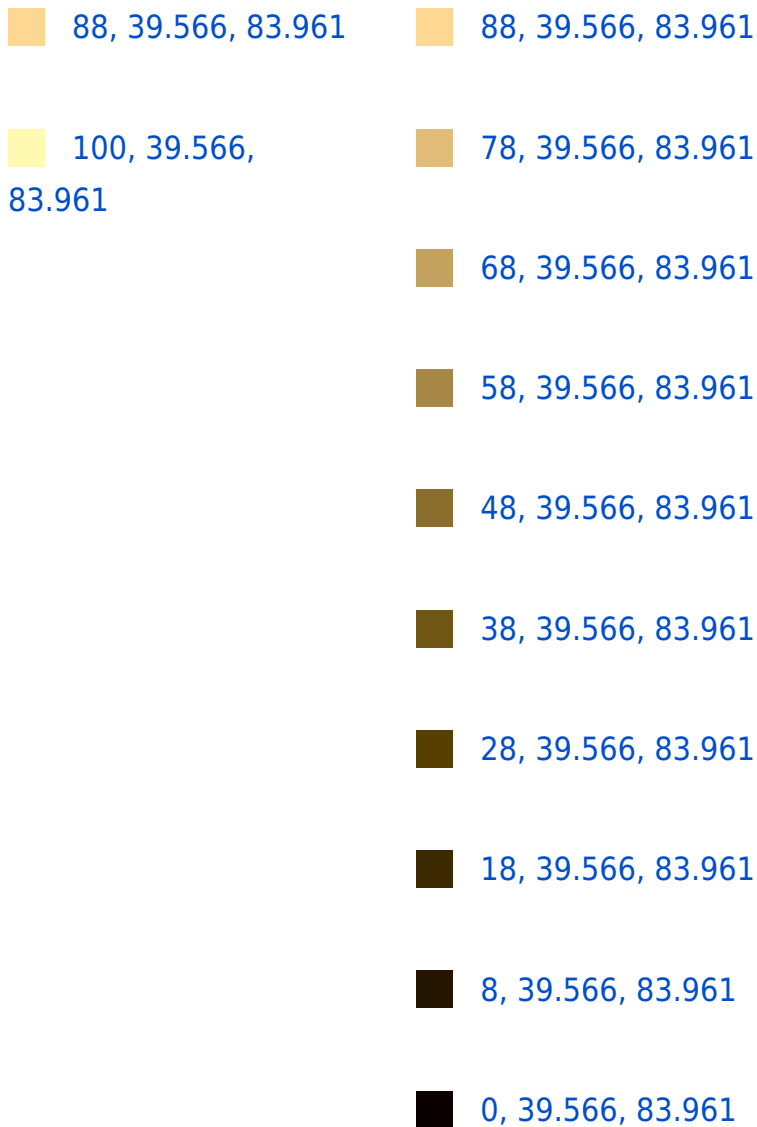
Magenta (15%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 39.566, 83.961 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, 39.566, 83.961 by changing the saturation by 10% instead.



88, 39.566, 83.961

88, 39.566, 83.961

85, 49.202, 82.521

91, 29.968, 85.364

83, 58.644, 81.010

93, 20.518, 86.720

81, 67.463, 79.384

96, 11.267, 88.028

78, 74.926, 77.538

99, 2.231, 89.193

76, 80.043, 75.287

100, 0.460,
200.817

75, 82.177, 73.279

Harmonies

Complementary

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



88, 39.566, 83.961



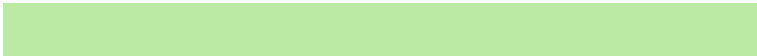
74, 38.883, 277.123

Rectangle

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



88, 39.566, 83.961



88, 39.566, 133.961



88, 39.566, 263.961



88, 39.566, 313.961

Sweetspot

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



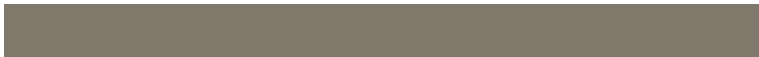
88, 39.567, 83.966



96, 11.758, 87.965



73, 45.283, 356.613



51, 8.251, 87.681



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, 39.567, 83.966



86, 47.947, 82.742



96, 53.818, 112.141



52, 5.119, 88.408



58, 66.445, 73.846



19, 27.865, 76.604

Inverse Universe

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



74, 38.883, 277.123



70, 47.142, 279.311



66, 59.989, 299.912



50, 5.108, 270.943



34, 76.697, 295.644



9, 30.761, 290.347

Previews

White Background



This preview shows how the CIELCh color 88, 39.566, 83.961 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, 39.566, 83.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

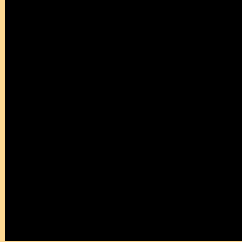
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 39.566, 83.961

Background



This preview shows how black text looks on a background with the CIELCh color 88, 39.566, 83.961.



This preview shows how white text looks on a background with the CIELCh color 88, 39.566, 83.961.

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, 39.601, 83.938

Protanopia

88, 38.291, 96.022

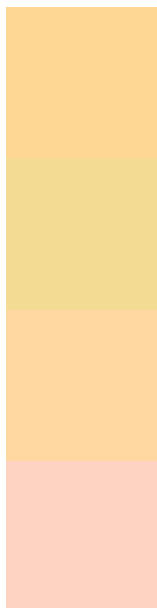
Deuteranopia

88, 28.763, 73.550



Tritanopia
88, 18.146, 358.997

Trichromacy



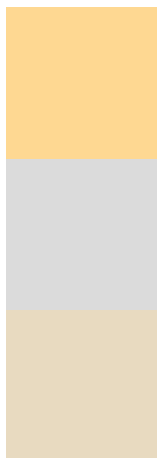
Original Color
88, 39.601, 83.938

Protanomaly
88, 38.560, 91.724

Deuteranomaly
88, 32.554, 78.126

Tritanomaly
88, 19.200, 47.667

Monochromacy



Original Color
88, 39.601, 83.938

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 14.539, 87.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 39.566, 83.961 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 39.566, 83.961 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, 146) }
```

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

```
.border{ border-color:rgb(254, 216, 146) }
```

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, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 146);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 39.566, 83.961 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, 146) }
```

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

```
.background{ background-color: rgb(254,  
216, 146) }
```

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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