

Converting Colors

CIELCh(89, 44.512, 87.986)

Have a look what the booklet for
CIELCh(89, 44.512, 87.986) contains.

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Color

CIELCh(89, 44.515, 88.265)

Conversions

Conversions Part 1

Format	Color
Hex	FEDC8A
RGB	254, 220, 138
RGB Percent	100%, 86%, 54%
CMY	0.0035, 0.1369, 0.4585
CMYK	0.00, 0.13, 0.46, 0.00
HSL	42°, 98%, 77%
HSV	42°, 46%, 100%
XYZ	71.1224, 74.1641, 34.6457
YIQ	220.8180, 46.5860, -18.2940

Conversions

Conversions Part 2

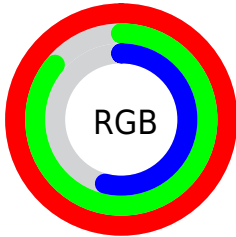
Format	Color
R _Y B	186, 254, 138
Decimal	16702602
CIE Lab	89.00, 1.35, 44.49
CIE LCh	89, 44.515, 88.265
Yxy	74.1641, 0.3953, 0.4122
Android (android.graphics.Color)	4294892682 (0xFFFE8C8A)
YUV	220.8180, -40.8293, 29.1006
Hunter-Lab	86.1186, -3.2905, 36.4306

Details

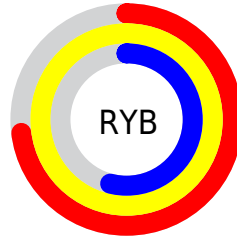
The CIELCh color **89, 44.515, 88.265** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **71, 45.324, 282.187**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 31.221, 107.803**, and **69, 44.513, 88.332** is the 20% darker color. If you saturate the color by 10%, you get **87, 54.251, 86.858**, and if you desaturate by 10%, it is **91, 34.624, 89.638**.

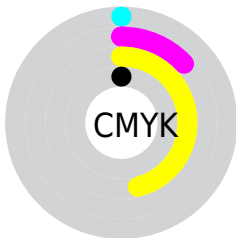
Distribution



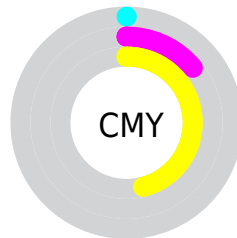
- Red (100%)
- Green (86%)
- Blue (54%)



- Red (73%)
- Yellow (100%)
- Blue (54%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 44.515, 88.265 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 89, 44.515, 88.265 by changing the saturation by 10% instead.

 89, 44.515, 88.265

 89, 44.515, 88.265

 100, 44.515,
88.265

 79, 44.515, 88.265

 69, 44.515, 88.265

 59, 44.515, 88.265

 49, 44.515, 88.265

 39, 44.515, 88.265

 29, 44.515, 88.265

 19, 44.515, 88.265

 9, 44.515, 88.265

 0, 44.515, 88.265

89, 44.515, 88.265

89, 44.515, 88.265

87, 54.251, 86.858

91, 34.624, 89.638

85, 63.512, 85.386

94, 24.749, 90.968

83, 71.746, 83.809

96, 14.980, 92.255

81, 78.125, 82.034

98, 5.358, 93.476

79, 81.747, 79.911

100, 0.312,
201.509

78, 82.633, 78.892

Harmonies

Complementary

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



89, 44.515, 88.265



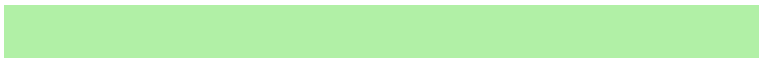
71, 45.324, 282.187

Rectangle

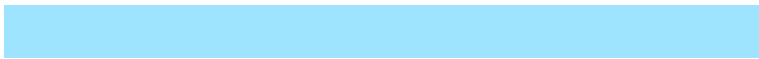
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 44.515, 88.265



89, 44.515, 138.265



89, 44.515, 268.265



89, 44.515, 318.265

Sweetspot

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



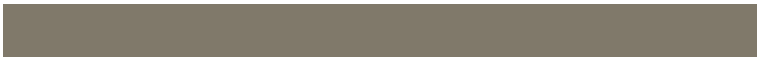
89, 44.516, 88.269



97, 13.416, 92.463



71, 47.659, 1.914



51, 9.280, 92.191



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 44.516, 88.269



87, 53.778, 86.950



96, 58.055, 114.893



52, 5.426, 93.019



60, 66.793, 79.365



20, 28.690, 82.049

Inverse Universe

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



71, 45.324, 282.187



65, 55.394, 284.625



64, 64.978, 302.275



50, 5.446, 275.465



31, 83.960, 298.774



7, 33.695, 293.920

Previews

White Background



This preview shows how the CIELCh color 89, 44.515, 88.265 looks on a white background.

Color Contrast Check

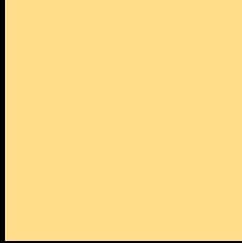
Large Text (above 18pt) WCAG AA × Fail

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 89, 44.515, 88.265 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 89, 44.515, 88.265

Background



This preview shows how black text looks on a background with the CIELCh color 89, 44.515, 88.265.



This preview shows how white text looks on a background with the CIELCh color 89, 44.515, 88.265.

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

89, 44.515, 88.265

Protanopia

89, 44.238, 95.874

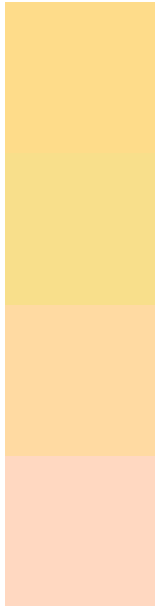
Deuteranopia

89, 26.644, 74.035



Tritanopia
89, 16.538, 358.593

Trichromacy



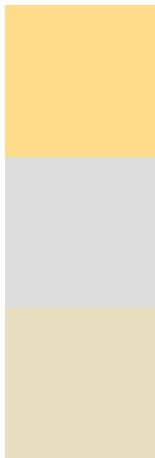
Original Color
89, 44.515, 88.265

Protanomaly
89, 44.256, 93.170

Deuteranomaly
89, 32.771, 80.748

Tritanomaly
89, 19.299, 58.101

Monochromacy



Original Color
89, 44.515, 88.265

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 16.226, 92.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 44.515, 88.265 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, 220, 138)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 138)  
}
```

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, 220, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 44.515, 88.265 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, 220, 138) }
```

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

```
.border{ border-color:rgb(254, 220, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 138);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 44.515, 88.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 138) }
```

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

```
.background{ background-color: rgb(254,  
220, 138) }
```

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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