

Converting Colors

CIELCh(89, 43.921, 88.661)

Have a look what the booklet for
CIELCh(89, 43.921, 88.661) contains.

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Color

CIELCh(89, 43.898, 88.631)

Conversions

Conversions Part 1

Format	Color
Hex	FDDC8B
RGB	253, 220, 139
RGB Percent	99%, 86%, 55%
CMY	0.0066, 0.1360, 0.4538
CMYK	0.00, 0.13, 0.45, 0.01
HSL	43°, 97%, 77%
HSV	43°, 45%, 99%
XYZ	70.9820, 74.1641, 35.1114
YIQ	220.6330, 45.6690, -18.1950

Conversions

Conversions Part 2

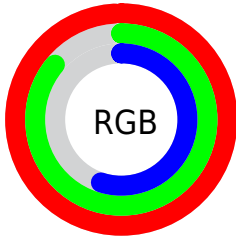
Format	Color
R _Y B	185, 253, 139
Decimal	16637067
CIE Lab	89.00, 1.05, 43.89
CIE LCh	89, 43.898, 88.631
Yxy	74.1641, 0.3938, 0.4114
Android (android.graphics.Color)	4294827147 (0xFFFD8C8B)
YUV	220.6330, -40.2451, 28.3859
Hunter-Lab	86.1186, -3.5816, 36.1099

Details

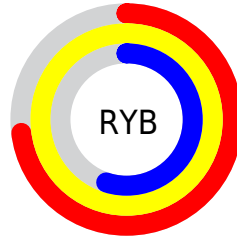
The CIELCh color **89, 43.898, 88.631** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **71, 44.755, 282.274**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.724, 107.841**, and **69, 43.885, 88.757** is the 20% darker color. If you saturate the color by 10%, you get **87, 53.638, 87.232**, and if you desaturate by 10%, it is **91, 34.010, 89.998**.

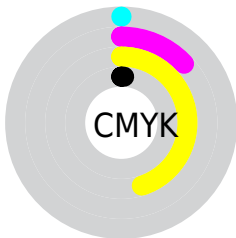
Distribution



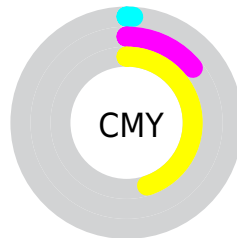
- Red (99%)
- Green (86%)
- Blue (55%)



- Red (73%)
- Yellow (99%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 43.898, 88.631 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, 43.898, 88.631 by changing the saturation by 10% instead.

89, 43.898, 88.631

89, 43.898, 88.631

100, 43.898,
88.631

79, 43.898, 88.631

69, 43.898, 88.631

59, 43.898, 88.631

49, 43.898, 88.631

39, 43.898, 88.631

29, 43.898, 88.631

19, 43.898, 88.631

9, 43.898, 88.631

0, 43.898, 88.631

89, 43.898, 88.631

89, 43.898, 88.631

87, 53.638, 87.232

91, 34.010, 89.998

85, 62.920, 85.771

93, 24.141, 91.322

83, 71.211, 84.212

96, 14.375, 92.603

81, 77.701, 82.467

98, 4.754, 93.813

79, 81.483, 80.393

100, 0.582,
200.507

78, 82.494, 79.238

Harmonies

Complementary

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



89, 43.898, 88.631



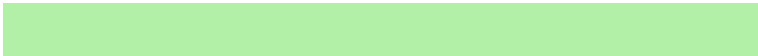
71, 44.755, 282.274

Rectangle

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



89, 43.898, 88.631



89, 43.898, 138.631



89, 43.898, 268.631



89, 43.898, 318.631

Sweetspot

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



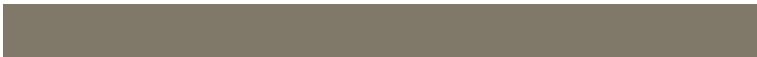
89, 43.899, 88.635



97, 13.464, 92.729



71, 46.869, 1.790



51, 9.312, 92.458



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, 43.899, 88.635



88, 52.946, 87.374



96, 57.152, 114.932



52, 5.445, 93.284



61, 66.838, 79.701



20, 28.749, 82.370

Inverse Universe

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



71, 44.755, 282.274



66, 54.588, 284.587



64, 63.839, 302.196



50, 5.468, 275.724



31, 84.394, 298.944



7, 33.866, 294.104

Previews

White Background



This preview shows how the CIELCh color 89, 43.898, 88.631 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, 43.898, 88.631 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, 43.898, 88.631

Background



This preview shows how black text looks on a background with the CIELCh color 89, 43.898, 88.631.



This preview shows how white text looks on a background with the CIELCh color 89, 43.898, 88.631.

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, 43.898, 88.631

Protanopia

89, 43.268, 95.738

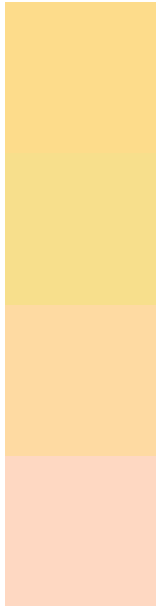
Deuteranopia

89, 26.644, 74.035



Tritanopia
89, 16.718, 356.929

Trichromacy



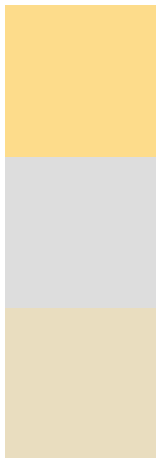
Original Color
89, 43.898, 88.631

Protanomaly
89, 43.671, 93.600

Deuteranomaly
89, 32.578, 81.376

Tritanomaly
89, 18.642, 57.670

Monochromacy



Original Color
89, 43.898, 88.631

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, 43.898, 88.631 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(253, 220, 139)` looks like.

```
.text, #text, p{  
    color:rgb(253, 220, 139)  
}
```

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(253, 220, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 220, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 43.898, 88.631 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(253, 220, 139) }
```

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

```
.border{ border-color:rgb(253, 220, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 220, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 220, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 220, 139); box-shadow:4px 4px 4px 4px rgb(253, 220, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 43.898, 88.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 220, 139) }
```

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

```
.background{ background-color: rgb(253,  
220, 139) }
```

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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