

Converting Colors

CIELCh(88, 38.560, 91.724)

Have a look what the booklet for
CIELCh(88, 38.560, 91.724) contains.

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Color

CIELCh(88, 38.560, 91.724)

Conversions

Conversions Part 1

Format	Color
Hex	F4DB93
RGB	244, 219, 147
RGB Percent	96%, 86%, 58%
CMY	0.0428, 0.1408, 0.4232
CMYK	0.00, 0.10, 0.40, 0.04
HSL	45°, 82%, 77%
HSV	45°, 40%, 96%
XYZ	67.9655, 72.0653, 37.9647
YIQ	218.2670, 38.0120, -17.0920

Conversions

Conversions Part 2

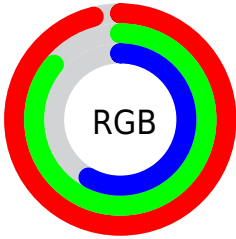
Format	Color
R _Y B	181, 244, 147
Decimal	16046995
CIE Lab	88.00, -1.16, 38.54
CIE LCh	88, 38.560, 91.724
Yxy	72.0653, 0.3818, 0.4049
Android (android.graphics.Color)	4294237075 (0xFFFF4DB93)
YUV	218.2670, -35.1346, 22.5678
Hunter-Lab	84.8913, -5.6494, 32.9085

Details

The CIELCh color **88, 38.560, 91.724** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 39.691, 283.139**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 26.735, 108.148**, and **68, 38.561, 91.762** is the 20% darker color. If you saturate the color by 10%, you get **86, 48.254, 90.391**, and if you desaturate by 10%, it is **90, 28.764, 93.034**.

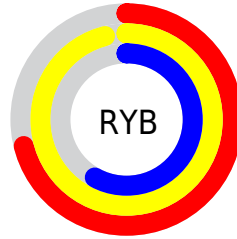
Distribution



Red (96%)

Green (86%)

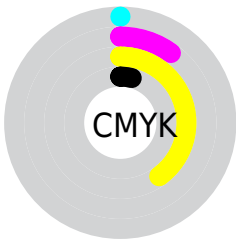
Blue (58%)



Red (71%)

Yellow (96%)

Blue (58%)

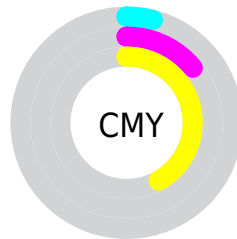


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 38.560, 91.724 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, 38.560, 91.724 by changing the saturation by 10% instead.

 88, 38.560, 91.724

 88, 38.560, 91.724

 100, 38.560,
91.724

 78, 38.560, 91.724

 68, 38.560, 91.724

 58, 38.560, 91.724

 48, 38.560, 91.724

 38, 38.560, 91.724

 28, 38.560, 91.724

 18, 38.560, 91.724

 8, 38.560, 91.724

 0, 38.560, 91.724

88, 38.560, 91.724

88, 38.560, 91.724

86, 48.254, 90.391

90, 28.764, 93.034

84, 57.609, 89.017

92, 18.991, 94.303

82, 66.221, 87.589

94, 9.307, 95.526

81, 73.443, 86.060

96, 0.256, 277.612

79, 78.425, 84.344

98, 3.162, 245.569

78, 80.762, 82.350

99, 3.769, 199.342

78, 80.811, 82.298

Harmonies

Complementary

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



88, 38.560, 91.724



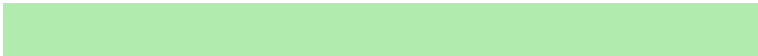
71, 39.691, 283.139

Rectangle

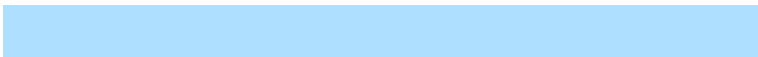
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 38.560, 91.724



88, 38.560, 141.724



88, 38.560, 271.724



88, 38.560, 321.724

Sweetspot

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



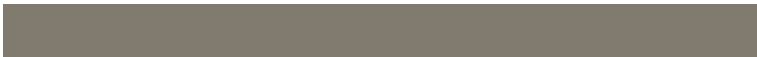
88, 38.561, 91.728



97, 11.898, 95.252



72, 39.684, 3.248



52, 7.900, 95.093



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, 38.561, 91.728



90, 48.261, 90.611



93, 49.518, 116.700



50, 5.441, 95.556



61, 66.022, 82.698



19, 26.994, 85.359

Inverse Universe

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



71, 39.691, 283.139



69, 50.249, 285.070



66, 54.263, 302.602



48, 5.480, 277.929



29, 86.247, 300.304



6, 32.417, 294.151

Previews

White Background



This preview shows how the CIELCh color 88, 38.560, 91.724 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, 38.560, 91.724 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, 38.560, 91.724

Background



This preview shows how black text looks on a background with the CIELCh color 88, 38.560, 91.724.



This preview shows how white text looks on a background with the CIELCh color 88, 38.560, 91.724.

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, 38.560, 91.724

Protanopia

88, 38.291, 96.022

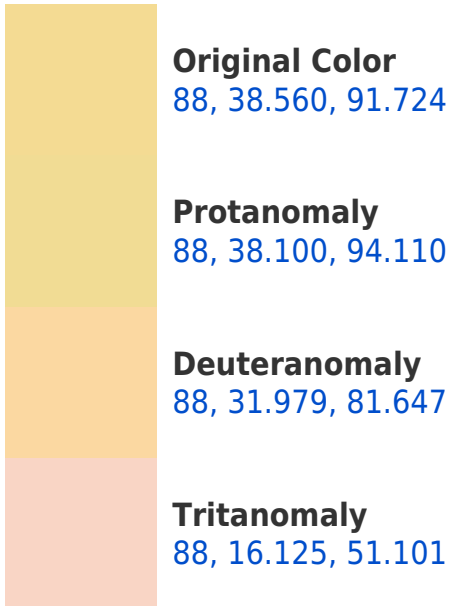
Deuteranopia

88, 28.763, 73.550



Tritanopia
88, 17.955, 351.319

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 38.560, 91.724 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(244, 219, 147)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 147)  
}
```

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(244, 219, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 38.560, 91.724 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(244, 219, 147) }
```

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

```
.border{ border-color:rgb(244, 219, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 219, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 147);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 38.560, 91.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 147) }
```

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

```
.background{ background-color: rgb(244,  
219, 147) }
```

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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