

Converting Colors

CIELCh(88, 38.054, 96.179)

Have a look what the booklet for
CIELCh(88, 38.054, 96.179) contains.

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Color

CIELCh(88, 38.291, 96.022)

Conversions

Conversions Part 1

Format	Color
Hex	EFDD94
RGB	239, 221, 148
RGB Percent	94%, 87%, 58%
CMY	0.0635, 0.1340, 0.4203
CMYK	0.00, 0.08, 0.38, 0.06
HSL	48°, 74%, 76%
HSV	48°, 38%, 94%
XYZ	66.6709, 72.0653, 38.3404
YIQ	218.0600, 34.1610, -18.8870

Conversions

Conversions Part 2

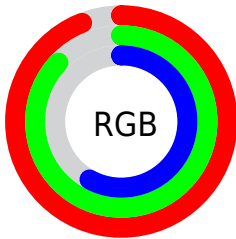
Format	Color
R _Y B	170, 239, 148
Decimal	15719828
CIE Lab	88.00, -4.02, 38.08
CIE LCh	88, 38.291, 96.022
Yxy	72.0653, 0.3765, 0.4070
Android (android.graphics.Color)	4293909908 (0xFFEFDD94)
YUV	218.0600, -34.5396, 18.3644
Hunter-Lab	84.8913, -8.3715, 32.6461

Details

The CIELCh color **88, 38.291, 96.022** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 40.215, 286.353**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **68, 38.364, 95.744** is the 20% darker color. If you saturate the color by 10%, you get **86, 48.168, 94.785**, and if you desaturate by 10%, it is **90, 28.239, 97.249**.

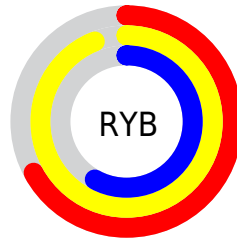
Distribution



Red (94%)

Green (87%)

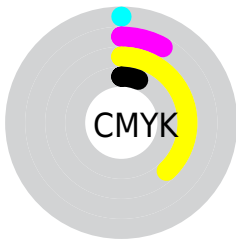
Blue (58%)



Red (67%)

Yellow (94%)

Blue (58%)

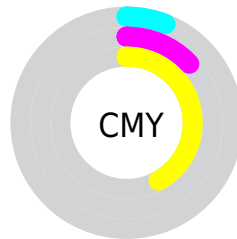


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 38.291, 96.022 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, 38.291, 96.022 by changing the saturation by 10% instead.

 88, 38.291, 96.022

 88, 38.291, 96.022

 100, 38.291,
96.022

 78, 38.291, 96.022

 68, 38.291, 96.022


 58, 38.291, 96.022

 48, 38.291, 96.022

 38, 38.291, 96.022

 28, 38.291, 96.022

 18, 38.291, 96.022

 8, 38.291, 96.022

 0, 38.291, 96.022

88, 38.291, 96.022

88, 38.291, 96.022

86, 48.168, 94.785

90, 28.239, 97.249

85, 57.632, 93.531

91, 18.145, 98.445

84, 66.290, 92.263

93, 8.084, 99.601

82, 73.539, 90.964

95, 1.904, 280.847

81, 78.610, 89.594

96, 5.723, 270.890

80, 80.975, 88.088

97, 4.605, 239.912

80, 81.279, 87.794

99, 5.200, 205.579

99, 5.567, 199.172

Harmonies

Complementary

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



88, 38.291, 96.022



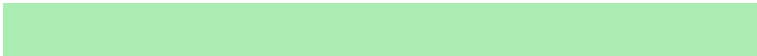
69, 40.215, 286.353

Rectangle

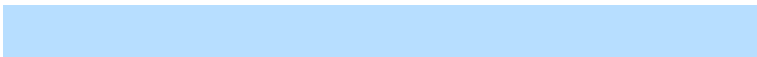
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 38.291, 96.022



88, 38.291, 146.022



88, 38.291, 276.022



88, 38.291, 326.022

Sweetspot

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



88, 38.292, 96.026



98, 11.598, 99.267



71, 36.814, 7.920



52, 7.798, 99.111



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, 38.292, 96.026



92, 48.636, 95.027



91, 47.235, 119.584



49, 5.693, 99.445



63, 66.839, 88.080



19, 27.000, 90.458

Inverse Universe

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



69, 40.215, 286.353



68, 51.903, 288.087



67, 51.174, 304.546



47, 5.761, 281.698



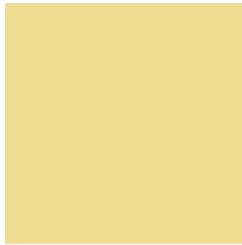
26, 91.638, 302.503



5, 32.647, 294.871

Previews

White Background



This preview shows how the CIELCh color 88, 38.291, 96.022 looks on a white background.

Color Contrast Check

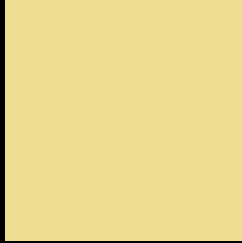
Large Text (above 18pt) WCAG AA × Fail

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, 38.291, 96.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

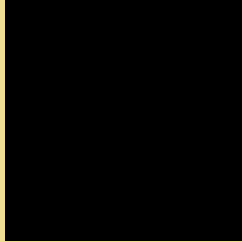
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 38.291, 96.022

Background



This preview shows how black text looks on a background with the CIELCh color 88, 38.291, 96.022.

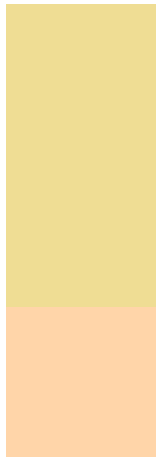


This preview shows how white text looks on a background with the CIELCh color 88, 38.291, 96.022.

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, 38.291, 96.022

Protanopia

88, 38.291, 96.022

Deuteranopia

88, 28.599, 72.370



Tritanopia
88, 15.790, 348.806

Trichromacy



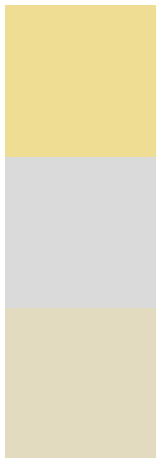
Original Color
88, 38.291, 96.022

Protanomaly
88, 38.291, 96.022

Deuteranomaly
88, 31.610, 82.955

Tritanomaly
88, 14.471, 57.474

Monochromacy



Original Color
88, 38.291, 96.022

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 14.287, 98.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 38.291, 96.022 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(239, 221, 148)` looks like.

```
.text, #text, p{  
    color:rgb(239, 221, 148)  
}
```

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(239, 221, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 221, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 38.291, 96.022 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(239, 221, 148) }
```

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

```
.border{ border-color:rgb(239, 221, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 221, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 221, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 221, 148);  
box-shadow:4px 4px 4px 4px rgb(239, 221,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 38.291, 96.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 221, 148) }
```

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

```
.background{ background-color: rgb(239,  
221, 148) }
```

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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