

Converting Colors

CIELCh(88, 44.514, 106.929)

Have a look what the booklet for
CIELCh(88, 44.514, 106.929)
contains.

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Color

CIELCh(88, 44.816, 106.940)

Conversions

Conversions Part 1

Format	Color
Hex	E1E28A
RGB	225, 226, 138
RGB Percent	88%, 89%, 54%
CMY	0.1186, 0.1146, 0.4597
CMYK	0.00, 0.00, 0.39, 0.11
HSL	61°, 60%, 71%
HSV	61°, 39%, 89%
XYZ	62.6828, 72.0653, 34.5688
YIQ	215.6690, 27.6520, -27.5800

Conversions

Conversions Part 2

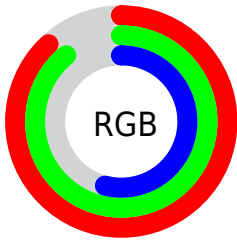
Format	Color
R_{YB}	138, 226, 139
Decimal	14803594
CIE _{Lab}	88.00, -13.06, 42.87
CIE _{LCh}	88, 44.816, 106.940
Yxy	72.0653, 0.3702, 0.4256
Android (android.graphics.Color)	4292993674 (0xFFE1E28A)
YUV	215.6690, -38.2908, 8.1833
Hunter-Lab	84.8913, -16.7572, 35.2802

Details

The CIELCh color **88, 44.816, 106.940** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **61, 49.564, 295.731**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 31.221, 107.803**, and **68, 45.001, 107.190** is the 20% darker color. If you saturate the color by 10%, you get **88, 55.541, 106.058**, and if you desaturate by 10%, it is **88, 33.614, 107.874**.

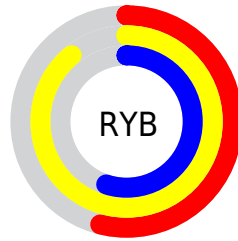
Distribution



Red (88%)

Green (89%)

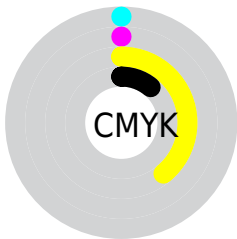
Blue (54%)



Red (54%)

Yellow (89%)

Blue (55%)

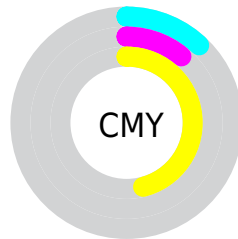


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 44.816, 106.940 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, 44.816, 106.940 by changing the saturation by 10% instead.

 88, 44.816,
106.940


 88, 44.816,
106.940

 100, 44.816,
106.940

 78, 44.816,
106.940

 68, 44.816,
106.940

 58, 44.816,
106.940

 48, 44.816,
106.940

 38, 44.816,
106.940

 28, 44.816,
106.940

 18, 44.816,

106.940

■ 8, 44.816, 106.940

■ 0, 44.816, 106.940

■ 88, 44.816,
106.940

■ 88, 44.816,
106.940

■ 88, 55.541,
106.058

■ 88, 33.614,
107.874

■ 87, 65.483,
105.252

■ 89, 22.130,
108.826

■ 87, 74.210,
104.563

■ 89, 10.493,
109.778

■ 87, 81.178,
104.037

■ 90, 1.216, 290.781

■ 87, 85.866,

■ 91, 12.941,
291.652

103.710

91, 15.189,
292.092

87, 88.216,
103.583

91, 15.191,
292.423

87, 88.406,
103.574

91, 15.194,
292.754

91, 15.198,
293.085

Harmonies

Complementary

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



88, 44.816, 106.940



61, 49.564, 295.731

Rectangle

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



88, 44.816, 106.940



88, 44.816, 156.940



88, 44.816, 286.940



88, 44.816, 336.940

Sweetspot

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



88, 44.817, 106.943



99, 15.482, 109.483



67, 36.476, 23.170



53, 10.266, 109.358



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, 44.817, 106.943



98, 58.996, 106.200



85, 48.273, 127.235



47, 6.607, 109.733



69, 73.377, 103.563



19, 27.930, 104.534

Inverse Universe

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



61, 49.564, 295.731



62, 67.154, 297.273



65, 51.066, 311.024



43, 6.755, 291.592



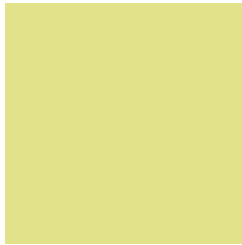
21, 101.245, 306.323



2, 31.650, 296.109

Previews

White Background



This preview shows how the CIELCh color 88, 44.816, 106.940 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, 44.816, 106.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

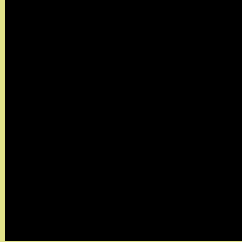
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 44.816, 106.940

Background



This preview shows how black text looks on a background with the CIELCh color 88, 44.816, 106.940.



This preview shows how white text looks on a background with the CIELCh color 88, 44.816, 106.940.

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, 44.816, 106.940

Protanopia

88, 44.333, 95.812

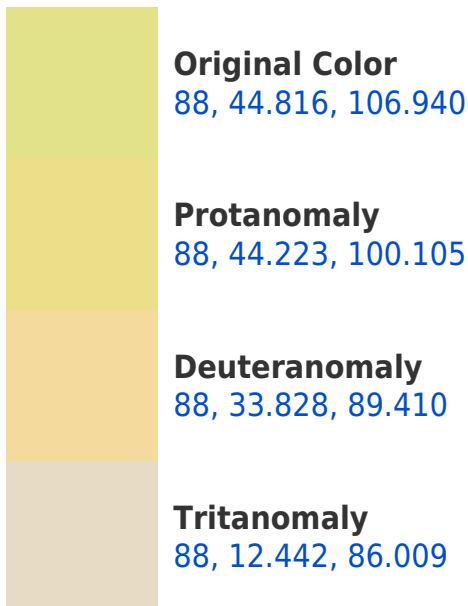
Deuteranopia

88, 29.915, 73.880



Tritanopia
88, 11.272, 332.439

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 44.816, 106.940 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(225, 226, 138)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 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(225, 226, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 44.816, 106.940 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(225, 226, 138) }
```

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

```
.border{ border-color:rgb(225, 226, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 138);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 44.816, 106.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 138) }
```

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

```
.background{ background-color: rgb(225,  
226, 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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