

Converting Colors

CIELCh(88, 44.486, 106.268)

Have a look what the booklet for
CIELCh(88, 44.486, 106.268)
contains.

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Color

CIELCh(88, 44.358, 105.926)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2E18A |
| RGB | 226, 225, 138 |
| RGB Percent | 89%, 88%, 54% |
| CMY | 0.1126, 0.1165, 0.4578 |
| CMYK | 0.00, 0.00, 0.39, 0.11 |
| HSL | 59°, 61%, 71% |
| HSV | 59°, 39%, 89% |
| XYZ | 63.0666, 72.0653, 34.7333 |
| YIQ | 215.3810, 28.5230, -26.8450 |

Conversions

Conversions Part 2

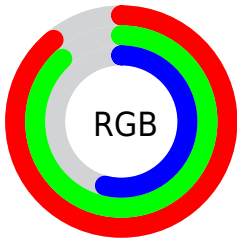
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 139, 226, 138 |
| Decimal | 14868874 |
| CIE _{Lab} | 88.00, -12.17, 42.66 |
| CIE _{LCh} | 88, 44.358, 105.926 |
| Yxy | 72.0653, 0.3713, 0.4242 |
| Android (android.graphics.Color) | 4293058954 (0xFFE2E18A) |
| YUV | 215.3810, -38.1488, 9.3129 |
| Hunter-Lab | 84.8913, -15.9503, 35.1654 |

Details

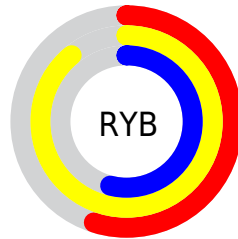
The CIELCh color **88, 44.358, 105.926** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **61, 48.944, 294.964**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 31.221, 107.803**, and **68, 44.527, 106.119** is the 20% darker color. If you saturate the color by 10%, you get **88, 55.023, 105.007**, and if you desaturate by 10%, it is **88, 33.234, 106.893**.

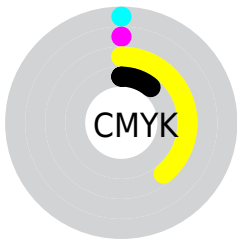
Distribution



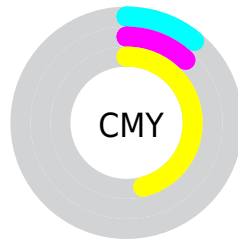
- Red (89%)
- Green (88%)
- Blue (54%)



- Red (55%)
- Yellow (89%)
- Blue (54%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 44.358, 105.926 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, 44.358, 105.926 by changing the saturation by 10% instead.

 88, 44.358,
105.926

 88, 44.358,
105.926

 100, 44.358,
105.926

 78, 44.358,
105.926

 68, 44.358,
105.926

 58, 44.358,
105.926

 48, 44.358,
105.926

 38, 44.358,
105.926

 28, 44.358,
105.926

 18, 44.358,

105.926

■ 8, 44.358, 105.926

■ 0, 44.358, 105.926

■ 88, 44.358,
105.926

■ 88, 44.358,
105.926

■ 88, 55.023,
105.007

■ 88, 33.234,
106.893

■ 87, 64.925,
104.156

■ 89, 21.841,
107.874

■ 87, 73.632,
103.412

■ 89, 10.306,
108.854

■ 87, 80.593,
102.814

■ 90, 1.291, 289.889

■ 87, 85.274,

■ 91, 12.899,
290.783

102.394

91, 14.618,
290.629

87, 87.590,
102.150

91, 14.482,
290.266

87, 87.788,
102.128

91, 14.346,
289.897

91, 14.211,
289.521

Harmonies

Complementary

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



88, 44.358, 105.926



61, 48.944, 294.964

Rectangle

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



88, 44.358, 105.926



88, 44.358, 155.926



88, 44.358, 285.926



88, 44.358, 335.926

Sweetspot

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



88, 44.359, 105.929



99, 15.308, 108.543



67, 36.323, 21.927



53, 10.151, 108.415



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, 44.359, 105.929



97, 58.415, 105.150



85, 48.064, 126.639



47, 6.532, 108.801



69, 72.748, 102.140



19, 27.636, 103.290

Inverse Universe

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



61, 48.944, 294.964



62, 66.330, 296.570



65, 50.957, 310.485



43, 6.676, 290.714



21, 100.768, 306.142



2, 31.383, 295.603

Previews

White Background



This preview shows how the CIELCh color 88, 44.358, 105.926 looks on a white background.

Color Contrast Check

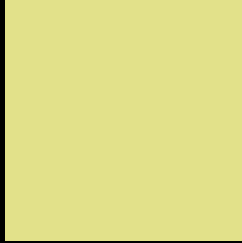
Large Text (above 18pt) WCAG AA × Fail

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, 44.358, 105.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

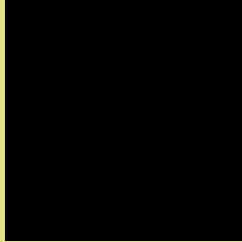
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 44.358, 105.926

Background



This preview shows how black text looks on a background with the CIELCh color 88, 44.358, 105.926.



This preview shows how white text looks on a background with the CIELCh color 88, 44.358, 105.926.

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, 44.358, 105.926

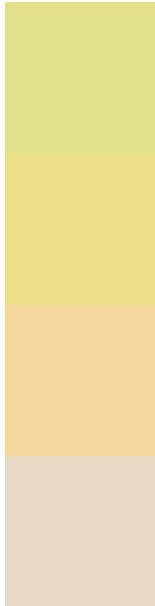
Protanopia
88, 44.333, 95.812

Deuteranopia
88, 29.915, 73.880



Tritanopia
88, 12.143, 333.362

Trichromacy



Original Color
88, 44.358, 105.926

Protanomaly
88, 44.275, 99.578

Deuteranomaly
88, 33.649, 87.877

Tritanomaly
88, 12.305, 81.862

Monochromacy



Original Color
88, 44.358, 105.926

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 16.133, 107.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 44.358, 105.926 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(226, 225, 138)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 88, 44.358, 105.926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

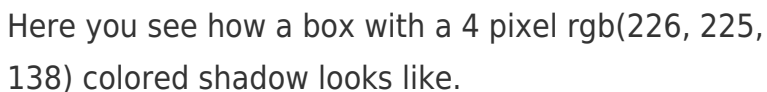
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 225, 138) }
```

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

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

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



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

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

Background

The CSS property to change the background color of an element to CIELCh 88, 44.358, 105.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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