

Converting Colors

CIELCh(88, 62.797, 105.375)

Have a look what the booklet for
CIELCh(88, 62.797, 105.375)
contains.

CIELCh(88, 62.853, 105.309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 62.853, 105.309)

Conversions

Conversions Part 1

Format	Color
Hex	E2E364
RGB	226, 227, 100
RGB Percent	89%, 89%, 39%
CMY	0.1135, 0.1096, 0.6076
CMYK	0.00, 0.00, 0.56, 0.11
HSL	60°, 69%, 64%
HSV	60°, 56%, 89%
XYZ	61.1671, 72.0653, 22.7555
YIQ	212.2230, 40.1710, -39.7090

Conversions

Conversions Part 2

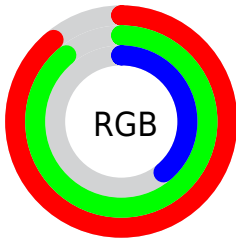
Format	Color
RYB	100, 227, 101
Decimal	14869348
CIELab	88.00, -16.59, 60.62
CIElCh	88, 62.853, 105.309
Yxy	72.0653, 0.3921, 0.4620
Android (android.graphics.Color)	4293059428 (0xFFE2E364)
YUV	212.2230, -55.3259, 12.0824
Hunter-Lab	84.8913, -19.9444, 43.5309

Details

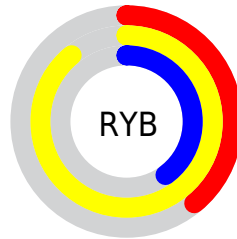
The CIELCh color **88, 62.853, 105.309** is a light color, and the websafe version is hex **CCCC33**. A complement of this color would be **49, 73.990, 298.950**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 49.747, 106.373**, and **68, 62.792, 105.390** is the 20% darker color. If you saturate the color by 10%, you get **88, 72.043, 104.575**, and if you desaturate by 10%, it is **88, 52.590, 106.152**.

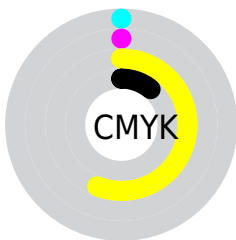
Distribution



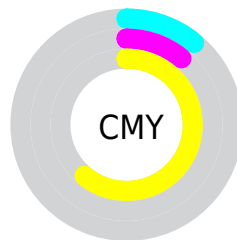
- Red (89%)
- Green (89%)
- Blue (39%)



- Red (39%)
- Yellow (89%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (56%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 62.853, 105.309 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, 62.853, 105.309 by changing the saturation by 10% instead.


 88, 62.853,
105.309


 88, 62.853,
105.309


 100, 62.853,
105.309


 78, 62.853,
105.309

 68, 62.853,
105.309

 58, 62.853,
105.309

 48, 62.853,
105.309

 38, 62.853,
105.309

 28, 62.853,
105.309


 18, 62.853,


105.309


 8, 62.853, 105.309

 0, 62.853, 105.309


 88, 62.853,
105.309

 88, 62.853,
105.309


 88, 72.043,
104.575


 88, 52.590,
106.152


 88, 79.635,
103.986

 89, 41.644,
107.059

 88, 85.075,
103.584

 89, 30.287,
108.005

 88, 88.034,
103.390

 89, 18.692,
108.965

 87, 88.779,

 90, 6.973, 109.918

103.349

■ 91, 4.799, 290.885

■ 91, 14.505,
291.676

■ 91, 14.506,
291.916

■ 91, 14.508,
292.156

Harmonies

Complementary

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



88, 62.853, 105.309



49, 73.990, 298.950

Rectangle

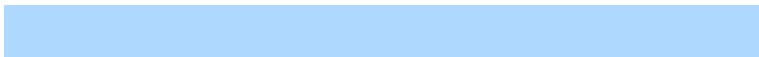
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 62.853, 105.309



88, 62.853, 155.309



88, 62.853, 285.309



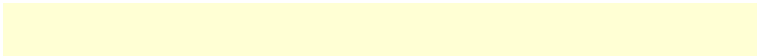
88, 62.853, 335.309

Sweetspot

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



88, 62.854, 105.311



99, 21.902, 108.852



58, 55.271, 26.528



53, 14.638, 108.658



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, 62.854, 105.311



97, 80.014, 104.477



84, 68.155, 126.541



48, 6.730, 109.584



70, 74.159, 103.341



20, 29.315, 104.099

Inverse Universe

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



49, 73.990, 298.950



46, 98.992, 301.453



55, 74.147, 311.913



44, 6.881, 291.460



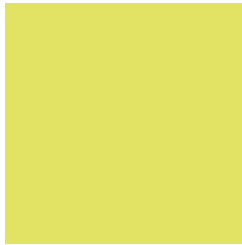
21, 102.350, 306.311



2, 33.690, 296.966

Previews

White Background



This preview shows how the CIELCh color 88, 62.853, 105.309 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, 62.853, 105.309 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, 62.853, 105.309

Background



This preview shows how black text looks on a background with the CIELCh color 88, 62.853, 105.309.



This preview shows how white text looks on a background with the CIELCh color 88, 62.853, 105.309.

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, 62.853, 105.309

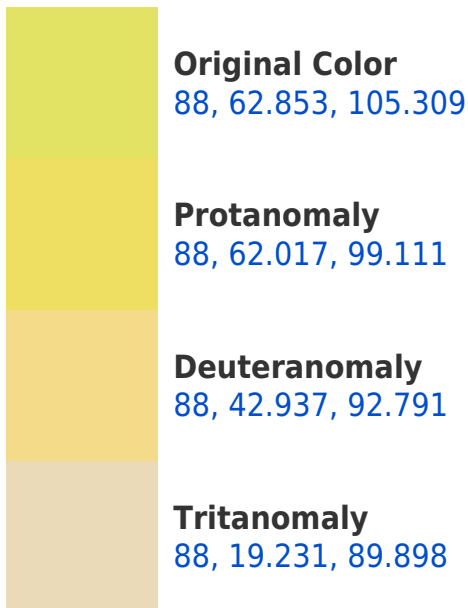
Protanopia
88, 62.212, 95.558

Deuteranopia
88, 33.259, 77.871

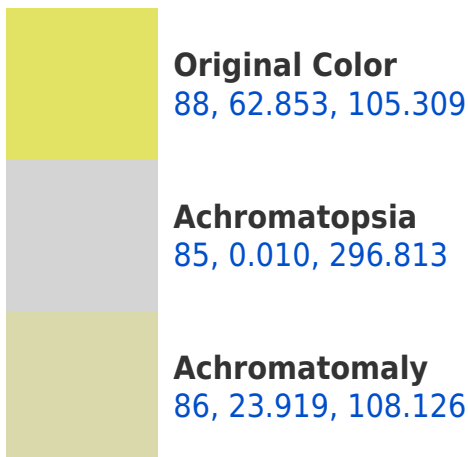


Tritanopia
88, 12.909, 336.969

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 62.853, 105.309 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, 227, 100)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 100)  
}
```

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, 227, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 62.853, 105.309 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, 227, 100) }
```

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

```
.border{ border-color:rgb(226, 227, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 100);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 62.853, 105.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 100) }
```

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

```
.background{ background-color: rgb(226,  
227, 100) }
```

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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