

Converting Colors

CIELCh(88, 53.575, 115.348)

Have a look what the booklet for
CIELCh(88, 53.575, 115.348)
contains.

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Color

CIELCh(88, 53.605, 115.337)

Conversions

Conversions Part 1

Format	Color
Hex	D1E77E
RGB	209, 231, 126
RGB Percent	82%, 91%, 49%
CMY	0.1812, 0.0949, 0.5066
CMYK	0.10, 0.00, 0.45, 0.09
HSL	73°, 68%, 70%
HSV	73°, 45%, 91%
XYZ	58.5093, 72.0653, 30.5006
YIQ	212.4520, 20.5930, -37.3190

Conversions

Conversions Part 2

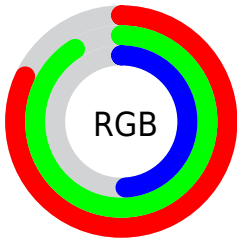
Format	Color
R _Y B	126, 231, 148
Decimal	13756286
CIE Lab	88.00, -22.94, 48.45
CIE LCh	88, 53.605, 115.337
Yxy	72.0653, 0.3632, 0.4474
Android (android.graphics.Color)	4291946366 (0xFFD1E77E)
YUV	212.4520, -42.6208, -3.0274
Hunter-Lab	84.8913, -25.5328, 38.1216

Details

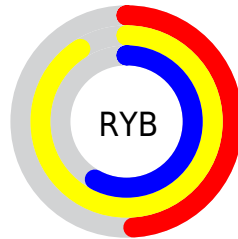
The CIELCh color **88, 53.605, 115.337** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **59, 59.862, 302.508**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.646, 107.307**, and **68, 53.300, 115.112** is the 20% darker color. If you saturate the color by 10%, you get **87, 64.264, 114.799**, and if you desaturate by 10%, it is **89, 42.296, 115.968**.

Distribution



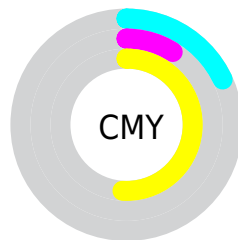
- Red (82%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)





- Cyan (18%)
- Magenta (9%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 53.605, 115.337 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, 53.605, 115.337 by changing the saturation by 10% instead.


 88, 53.605,
115.337


 88, 53.605,
115.337


 100, 53.605,
115.337


 78, 53.605,
115.337

 68, 53.605,
115.337

 58, 53.605,
115.337

 48, 53.605,
115.337

 38, 53.605,
115.337


 28, 53.605,
115.337


 18, 53.605,


115.337

 8, 53.605, 115.337


 0, 53.605, 115.337


 88, 53.605,
115.337


 88, 53.605,
115.337


 87, 64.264,
114.799

 89, 42.296,
115.968


 87, 73.888,
114.410

 89, 30.590,
116.639

 86, 81.971,
114.259

 90, 18.659,
117.324

 86, 87.955,
114.442

 91, 6.617, 118.003

 86, 91.481,

 92, 5.459, 298.654

115.034

93, 12.781,
302.006

86, 92.513,
115.393

93, 13.210,
309.144

94, 13.829,
315.802

94, 14.617,
321.872

Harmonies

Complementary

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



88, 53.605, 115.337



59, 59.862, 302.508

Rectangle

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



88, 53.605, 115.337



88, 53.605, 165.337



88, 53.605, 295.337



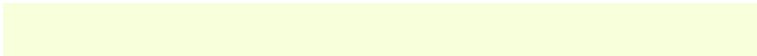
88, 53.605, 345.337

Sweetspot

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



88, 53.607, 115.339



99, 18.291, 117.421



69, 38.170, 39.649



52, 12.621, 117.272



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, 53.607, 115.339



96, 69.088, 114.808



85, 60.399, 133.424



48, 6.817, 117.735



68, 76.265, 115.202



19, 29.886, 114.994

Inverse Universe

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



59, 59.862, 302.508



57, 79.624, 303.695



64, 62.452, 317.662



44, 6.959, 299.028



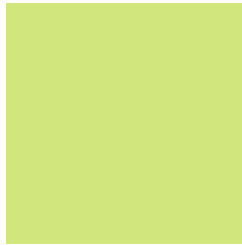
22, 100.702, 307.359



3, 34.143, 301.757

Previews

White Background



This preview shows how the CIELCh color 88, 53.605, 115.337 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 CIE LCh color 88, 53.605, 115.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

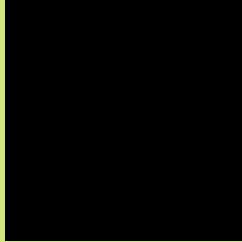
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 53.605, 115.337

Background



This preview shows how black text looks on a background with the CIELCh color 88, 53.605, 115.337.

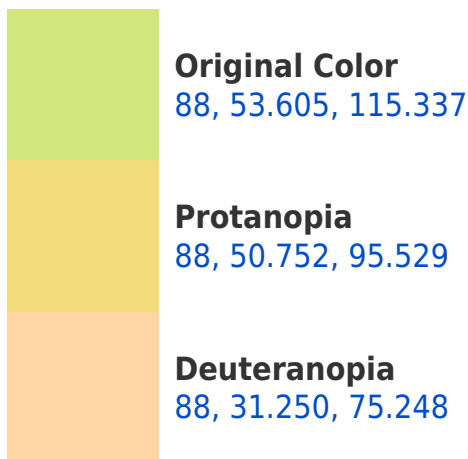


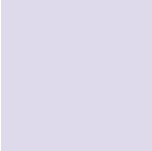
This preview shows how white text looks on a background with the CIELCh color 88, 53.605, 115.337.

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](#).

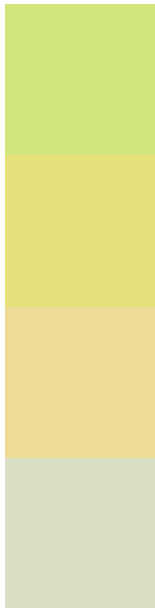
Dichromacy





Tritanopia
88, 9.540, 299.363

Trichromacy



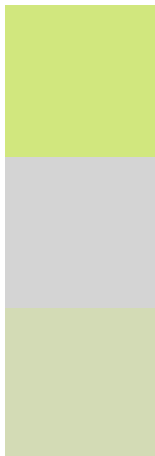
Original Color
88, 53.605, 115.337

Protanomaly
88, 51.193, 103.094

Deuteranomaly
87, 36.954, 95.088

Tritanomaly
88, 14.215, 118.058

Monochromacy



Original Color
88, 53.605, 115.337

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 20.023, 117.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 53.605, 115.337 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(209, 231, 126)` looks like.

```
.text, #text, p{  
    color:rgb(209, 231, 126)  
}
```

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(209, 231, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 231, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 53.605, 115.337 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(209, 231, 126) }
```

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

```
.border{ border-color:rgb(209, 231, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 231, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 231, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 231, 126);  
box-shadow:4px 4px 4px 4px rgb(209, 231,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 53.605, 115.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 231, 126) }
```

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

```
.background{ background-color: rgb(209,  
231, 126) }
```

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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