

Converting Colors

CIELCh(88, 48.372, 113.946)

Have a look what the booklet for
CIELCh(88, 48.372, 113.946)
contains.

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Color

CIELCh(88, 48.101, 113.895)

Conversions

Conversions Part 1

Format	Color
Hex	D5E587
RGB	213, 229, 135
RGB Percent	84%, 90%, 53%
CMY	0.1640, 0.1012, 0.4699
CMYK	0.07, 0.00, 0.41, 0.10
HSL	70°, 65%, 71%
HSV	70°, 41%, 90%
XYZ	59.9471, 72.0653, 33.7344
YIQ	213.5000, 20.6380, -32.6260

Conversions

Conversions Part 2

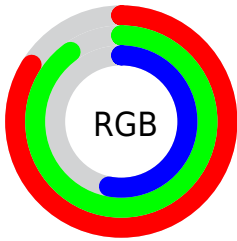
Format	Color
RYB	135, 229, 151
Decimal	14017927
CIELab	88.00, -19.48, 43.98
CIELCh	88, 48.101, 113.895
Yxy	72.0653, 0.3617, 0.4348
Android (android.graphics.Color)	4292208007 (0xFFD5E587)
YUV	213.5000, -38.7005, -0.4385
Hunter-Lab	84.8913, -22.5095, 35.8630

Details

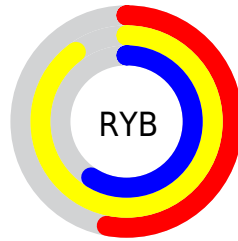
The CIELCh color **88, 48.101, 113.895** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **61, 53.183, 300.789**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 32.709, 107.688**, and **68, 48.377, 113.990** is the 20% darker color. If you saturate the color by 10%, you get **87, 58.957, 113.262**, and if you desaturate by 10%, it is **89, 36.720, 114.596**.

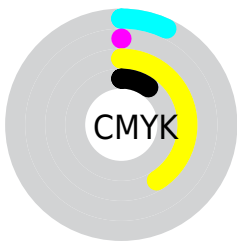
Distribution



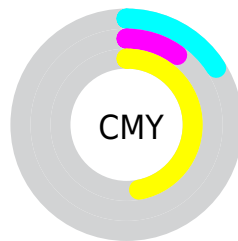
- Red (84%)
- Green (90%)
- Blue (53%)



- Red (53%)
- Yellow (90%)
- Blue (59%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)





- Cyan (16%)
- Magenta (10%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 48.101, 113.895 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, 48.101, 113.895 by changing the saturation by 10% instead.


 88, 48.101,
113.895


 88, 48.101,
113.895

 100, 48.101,
113.895


 78, 48.101,
113.895

 68, 48.101,
113.895

 58, 48.101,
113.895

 48, 48.101,
113.895

 38, 48.101,
113.895

 28, 48.101,
113.895

 18, 48.101,


113.895


 8, 48.101, 113.895

 0, 48.101, 113.895


 88, 48.101,
113.895

 88, 48.101,
113.895


 87, 58.957,
113.262

 89, 36.720,
114.596


 87, 68.962,
112.742

 89, 25.025,
115.324


 87, 77.665,
112.408

 90, 13.157,
116.054

 86, 84.509,
112.344

 91, 1.211, 116.772

 86, 89.007,

 92, 10.751,
297.465

112.632

92, 13.645,
301.928

86, 91.180,
113.180

93, 13.967,
307.357

93, 14.407,
312.539

93, 14.958,
317.412

Harmonies

Complementary

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



88, 48.101, 113.895



61, 53.183, 300.789

Rectangle

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



88, 48.101, 113.895



88, 48.101, 163.895



88, 48.101, 293.895



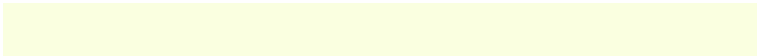
88, 48.101, 343.895

Sweetspot

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



88, 48.103, 113.897



99, 15.618, 115.978



70, 34.318, 36.442



53, 10.357, 115.882



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, 48.103, 113.897



96, 61.927, 113.366



85, 53.833, 132.670



48, 6.789, 116.168



68, 75.587, 113.023



20, 29.683, 112.961

Inverse Universe

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



61, 53.183, 300.789



61, 70.294, 301.857



66, 55.756, 316.437



44, 6.934, 297.560



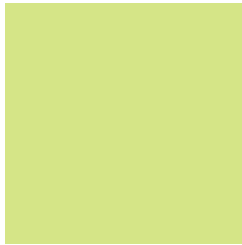
22, 101.180, 307.040



3, 34.036, 300.828

Previews

White Background



This preview shows how the CIELCh color 88, 48.101, 113.895 looks on a white background.

Color Contrast Check

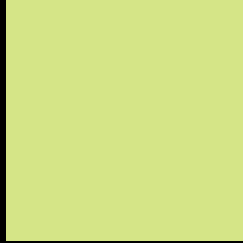
Large Text (above 18pt) WCAG AA × Fail

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, 48.101, 113.895 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, 48.101, 113.895

Background



This preview shows how black text looks on a background with the CIELCh color 88, 48.101, 113.895.



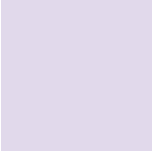
This preview shows how white text looks on a background with the CIELCh color 88, 48.101, 113.895.

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](#).

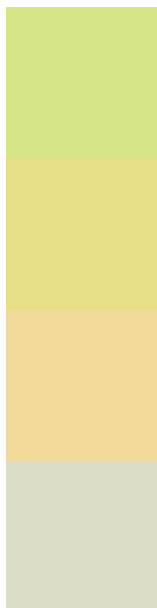
Dichromacy





Tritanopia
88, 9.865, 307.456

Trichromacy



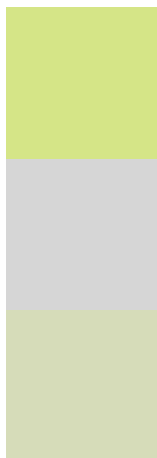
Original Color
88, 48.101, 113.895

Protanomaly
88, 46.005, 102.219

Deuteranomaly
88, 34.676, 93.202

Tritanomaly
88, 11.439, 109.214

Monochromacy



Original Color
88, 48.101, 113.895

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 18.356, 115.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 48.101, 113.895 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(213, 229, 135)` looks like.

```
.text, #text, p{  
    color:rgb(213, 229, 135)  
}
```

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(213, 229, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 229, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 48.101, 113.895 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(213, 229, 135) }
```

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

```
.border{ border-color:rgb(213, 229, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 229, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 229, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 229, 135); box-shadow:4px 4px 4px 4px rgb(213, 229, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 48.101, 113.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 229, 135) }
```

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

```
.background{ background-color: rgb(213,  
229, 135) }
```

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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