

Converting Colors

CIELCh(82, 88.450, 113.901)

Have a look what the booklet for
CIELCh(82, 88.450, 113.901)
contains.

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Color

CIELCh(82, 88.344, 113.858)

Conversions

Conversions Part 1

Format	Color
Hex	B3DB00
RGB	179, 219, 0
RGB Percent	70%, 86%, 0%
CMY	0.2977, 0.1408, 0.9989
CMYK	0.18, 0.00, 1.00, 0.14
HSL	71°, 100%, 43%
HSV	71°, 100%, 86%
XYZ	43.9630, 60.2982, 9.3291
YIQ	182.0740, 46.4590, -76.5890

Conversions

Conversions Part 2

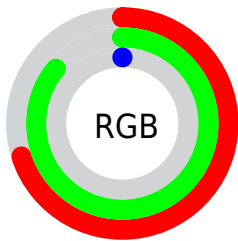
Format	Color
RYB	0, 219, 40
Decimal	11787008
CIELab	82.00, -35.73, 80.80
CIELCh	82, 88.344, 113.858
Yxy	60.2982, 0.3870, 0.5308
Android (android.graphics.Color)	4289977088 (0xFFB3DB00)
YUV	182.0740, -89.7625, -2.6959
Hunter-Lab	77.6519, -34.8322, 47.2332

Details

The CIELCh color **82, 88.344, 113.858** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **28, 117.824, 307.047**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 79.279, 108.906**, and **62, 72.601, 117.881** is the 20% darker color. If you saturate the color by 10%, you get **82, 88.373, 113.868**, and if you desaturate by 10%, it is **82, 85.781, 113.236**.

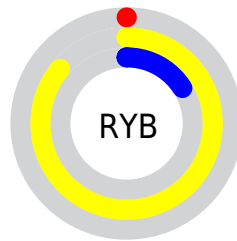
Distribution



Red (70%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (16%)

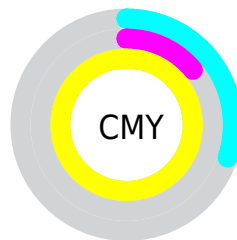


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (30%)


Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 88.344, 113.858 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 82, 88.344, 113.858 by changing the saturation by 10% instead.


 82, 88.344,
113.858

 82, 88.344,
113.858


 100, 88.344,
113.858


 72, 88.344,
113.858

 62, 88.344,
113.858

 52, 88.344,
113.858

 42, 88.344,
113.858

 32, 88.344,
113.858

 22, 88.344,
113.858

 12, 88.344,

113.858

■ 2, 88.344, 113.858

■ 0, 88.344, 113.858

■ 82, 88.344,
113.858

■ 82, 88.344,
113.858

■ 82, 88.373,
113.868

■ 82, 85.781,
113.236

■ 83, 81.079,
112.964

■ 83, 74.176,
113.043

■ 83, 65.563,
113.385

■ 84, 55.766,

113.904

■ 85, 45.202,
114.532

■ 85, 34.163,
115.219

■ 86, 22.843,
115.931

■ 87, 11.373,
116.643

Harmonies

Complementary

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



82, 88.344, 113.858



28, 117.824, 307.047

Rectangle

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



82, 88.344, 113.858



82, 88.344, 163.858



82, 88.344, 293.858



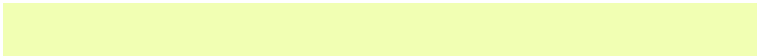
82, 88.344, 343.858

Sweetspot

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



82, 88.344, 113.860



97, 38.800, 115.192



47, 89.865, 42.317



52, 26.384, 114.896



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 88.344, 113.860



94, 99.143, 113.956



77, 102.222, 132.644



46, 6.548, 116.674



66, 74.175, 113.708



17, 26.906, 114.261

Inverse Universe

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



28, 117.824, 307.047



34, 132.314, 307.000



40, 107.491, 316.229



42, 6.686, 298.026



21, 98.869, 307.149



2, 29.886, 299.388

Previews

White Background



This preview shows how the CIELCh color 82, 88.344, 113.858 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 82, 88.344, 113.858 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 82, 88.344, 113.858

Background



This preview shows how black text looks on a background with the CIELCh color 82, 88.344, 113.858.

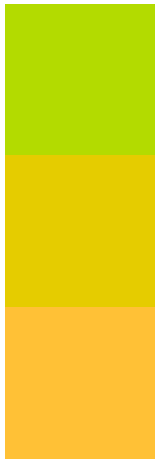


This preview shows how white text looks on a background with the CIELCh color 82, 88.344, 113.858.

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](#).

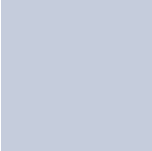
Dichromacy



Original Color
82, 88.344, 113.858

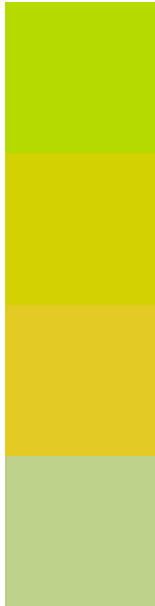
Protanopia
82, 82.704, 95.185

Deuteranopia
82, 73.761, 81.975



Tritanopia
82, 8.780, 274.756

Trichromacy



Original Color
82, 88.344, 113.858

Protanomaly
82, 83.411, 102.252

Deuteranomaly
81, 77.386, 95.077

Tritanomaly
81, 36.737, 118.883

Monochromacy



Original Color
82, 88.344, 113.858

Achromatopsia
74, 0.009, 296.813

Achromatomaly
76, 41.741, 114.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 88.344, 113.858 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(179, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 219, 0)  
}
```

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(179, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 219, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 88.344, 113.858 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(179, 219, 0) }
```

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

```
.border{ border-color:rgb(179, 219, 0) }
```

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

Here you see how a box with a 4 pixel rgb(179, 219, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 219,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 88.344, 113.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 219, 0) }
```

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

```
.background{ background-color: rgb(179,  
219, 0) }
```

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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