

Converting Colors

CIELCh(82, 88.912, 115.576)

Have a look what the booklet for
CIELCh(82, 88.912, 115.576)
contains.

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Color

CIELCh(82, 88.785, 115.421)

Conversions

Conversions Part 1

Format	Color
Hex	AEDC06
RGB	174, 220, 6
RGB Percent	68%, 86%, 2%
CMY	0.3170, 0.1366, 0.9782
CMYK	0.21, 0.00, 0.97, 0.14
HSL	73°, 95%, 44%
HSV	73°, 97%, 86%
XYZ	43.1563, 60.2982, 9.5229
YIQ	181.8500, 41.2780, -76.3060

Conversions

Conversions Part 2

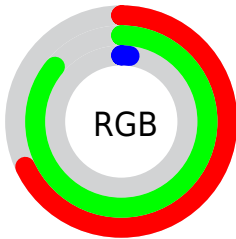
Format	Color
R _Y B	6, 220, 52
Decimal	11459590
CIE Lab	82.00, -38.11, 80.19
CIE LCh	82, 88.785, 115.421
Yxy	60.2982, 0.3820, 0.5337
Android (android.graphics.Color)	4289649670 (0xFFAEDC06)
YUV	181.8500, -86.6940, -6.8844
Hunter-Lab	77.6519, -36.6866, 47.0853

Details

The CIELCh color **82, 88.785, 115.421** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **29, 116.590, 307.271**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 78.763, 110.469**, and **62, 73.668, 119.610** is the 20% darker color. If you saturate the color by 10%, you get **82, 89.375, 115.619**, and if you desaturate by 10%, it is **82, 85.736, 114.754**.

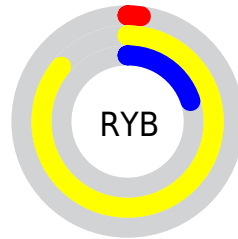
Distribution



Red (68%)

Green (86%)

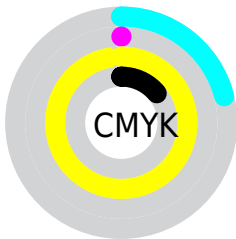
Blue (2%)



Red (2%)

Yellow (86%)

Blue (20%)

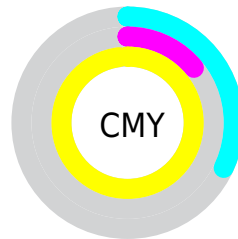


Cyan (21%)

Magenta (0%)

Yellow (97%)

Black (14%)



Cyan (32%)


Magenta (14%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 88.785, 115.421 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, 88.785, 115.421 by changing the saturation by 10% instead.


 82, 88.785,
115.421


 82, 88.785,
115.421


 100, 88.785,
115.421


 72, 88.785,
115.421

 62, 88.785,
115.421

 52, 88.785,
115.421

 42, 88.785,
115.421

 32, 88.785,
115.421

 22, 88.785,
115.421

 12, 88.785,

115.421

■ 2, 88.785, 115.421

■ 0, 88.785, 115.421

■ 82, 88.785,
115.421

■ 82, 88.785,
115.421

■ 82, 89.375,
115.619

■ 82, 85.736,
114.754

■ 83, 80.364,
114.493

■ 83, 72.895,
114.583

■ 84, 63.851,
114.928

■ 84, 53.736,

115.438

■ 85, 42.937,
116.047

■ 86, 31.720,
116.706

■ 86, 20.262,
117.383

■ 87, 8.680, 118.056

Harmonies

Complementary

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



82, 88.785, 115.421



29, 116.590, 307.271

Rectangle

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



82, 88.785, 115.421



82, 88.785, 165.421



82, 88.785, 295.421



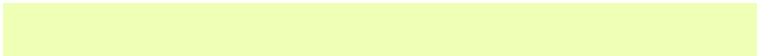
82, 88.785, 345.421

Sweetspot

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



82, 88.785, 115.423



97, 37.676, 116.588



49, 87.408, 43.140



52, 25.773, 116.302



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, 88.785, 115.423



93, 99.907, 115.716



78, 102.597, 133.127



46, 6.570, 117.926



66, 74.723, 115.433



17, 27.065, 115.899

Inverse Universe

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



29, 116.590, 307.271



34, 131.823, 307.248



42, 106.463, 317.414



42, 6.706, 299.200



22, 98.479, 307.417



2, 29.953, 300.149

Previews

White Background



This preview shows how the CIELCh color 82, 88.785, 115.421 looks on a white background.

Color Contrast Check

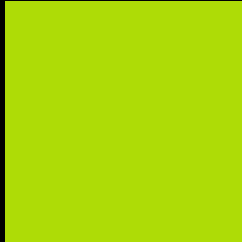
Large Text (above 18pt) WCAG AA × Fail

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, 88.785, 115.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

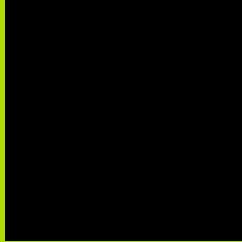
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 88.785, 115.421

Background



This preview shows how black text looks on a background with the CIELCh color 82, 88.785, 115.421.

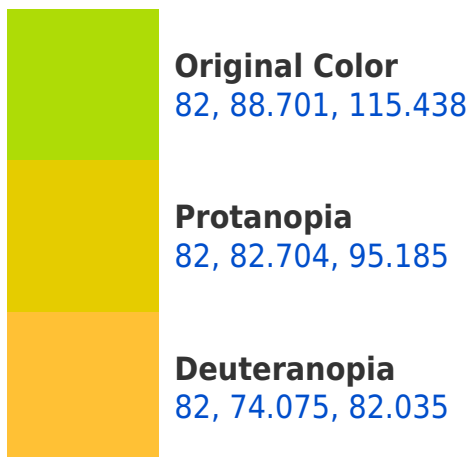


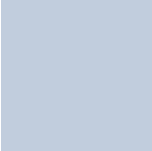
This preview shows how white text looks on a background with the CIELCh color 82, 88.785, 115.421.

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](#).

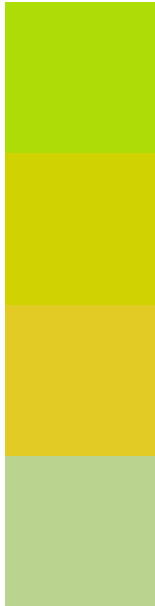
Dichromacy





Tritanopia
82, 9.361, 264.516

Trichromacy



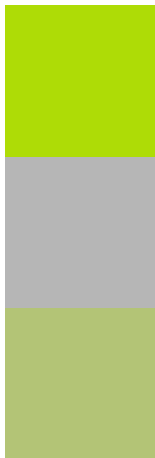
Original Color
82, 88.701, 115.438

Protanomaly
82, 83.530, 103.166

Deuteranomaly
81, 77.120, 95.757

Tritanomaly
81, 36.788, 122.620

Monochromacy



Original Color
82, 88.701, 115.438

Achromatopsia
74, 0.009, 296.813

Achromatomaly
76, 41.421, 116.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 88.785, 115.421 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(174, 220, 6)` looks like.

```
.text, #text, p{  
    color:rgb(174, 220, 6)  
}
```

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(174, 220, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 220, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 88.785, 115.421 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(174, 220, 6) }
```

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

```
.border{ border-color:rgb(174, 220, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 220, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 220, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 220, 6);  
box-shadow:4px 4px 4px 4px rgb(174, 220,  
6) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 88.785, 115.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 220, 6) }
```

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

```
.background{ background-color: rgb(174,  
220, 6) }
```

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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