

Converting Colors

CIELCh(84, 98.064, 126.215)

Have a look what the booklet for
CIELCh(84, 98.064, 126.215)
contains.

| | |
|--|----|
| CIELCh(84, 98.091, 126.259) | 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(84, 98.091, 126.259)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 86EA16 |
| RGB | 134, 234, 22 |
| RGB Percent | 53%, 92%, 9% |
| CMY | 0.4739, 0.0818, 0.9125 |
| CMYK | 0.43, 0.00, 0.90, 0.08 |
| HSL | 88°, 84%, 50% |
| HSV | 88°, 90%, 92% |
| XYZ | 39.4661, 64.0658, 11.0603 |
| YIQ | 179.9320, 8.4520, -87.1320 |

Conversions

Conversions Part 2

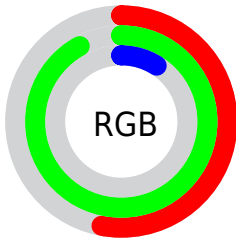
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 22, 234, 122 |
| Decimal | 8841750 |
| CIELab | 84.00, -58.01, 79.10 |
| CIELCh | 84, 98.091, 126.259 |
| Yxy | 64.0658, 0.3444, 0.5591 |
| Android (android.graphics.Color) | 4287031830 (0xFF86EA16) |
| YUV | 179.9320, -77.8605, -40.2824 |
| Hunter-Lab | 80.0411, -52.0583, 47.8359 |

Details

The CIELCh color **84, 98.091, 126.259** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **39, 113.273, 311.664**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 80.123, 121.892**, and **64, 85.451, 130.891** is the 20% darker color. If you saturate the color by 10%, you get **84, 101.582, 127.339**, and if you desaturate by 10%, it is **85, 92.269, 125.558**.

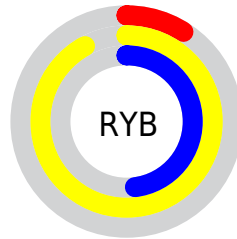
Distribution



Red (53%)

Green (92%)

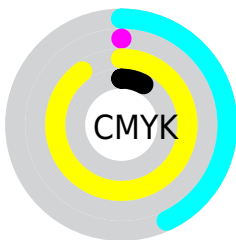
Blue (9%)



Red (9%)

Yellow (92%)

Blue (48%)

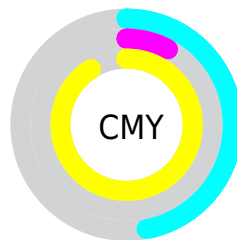


Cyan (43%)

Magenta (0%)

Yellow (90%)

Black (8%)



Cyan (47%)

Magenta (8%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 98.091, 126.259 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 84, 98.091, 126.259 by changing the saturation by 10% instead.

 84, 98.091,
126.259

 84, 98.091,
126.259

 100, 98.091,
126.259


 74, 98.091,
126.259

 64, 98.091,
126.259

 54, 98.091,
126.259

 44, 98.091,
126.259

 34, 98.091,
126.259

 24, 98.091,
126.259

 14, 98.091,

126.259

■ 4, 98.091, 126.259

■ 0, 98.091, 126.259

■ 84, 98.091,
126.259

■ 84, 98.091,
126.259

■ 84, 101.582,
127.339

■ 85, 92.269,
125.558

■ 85, 84.156,
125.316

■ 86, 74.256,
125.413

■ 87, 63.120,
125.723

■ 88, 51.190,

126.153

■ 89, 38.786,
126.635

■ 90, 26.124,
127.131

■ 91, 13.356,
127.618

■ 93, 0.585, 128.275

Harmonies

Complementary

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



84, 98.091, 126.259



39, 113.273, 311.664

Rectangle

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



84, 98.091, 126.259



84, 98.091, 176.259



84, 98.091, 306.259



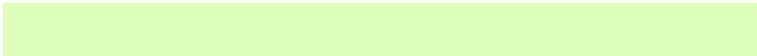
84, 98.091, 356.259

Sweetspot

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



84, 98.091, 126.260



96, 36.880, 126.801



63, 76.172, 59.822



51, 24.819, 126.631



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 98.091, 126.260



90, 108.434, 127.416



81, 109.588, 136.158



49, 7.258, 127.666



66, 83.573, 127.066



19, 33.450, 126.264

Inverse Universe

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



39, 113.273, 311.664



40, 125.814, 311.060



55, 106.447, 326.940



45, 7.365, 308.515



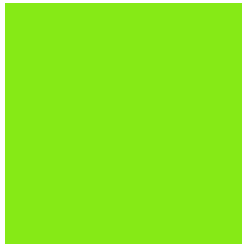
28, 97.055, 311.297



4, 37.534, 310.675

Previews

White Background



This preview shows how the CIE LCh color 84, 98.091, 126.259 looks on a white background.

Color Contrast Check

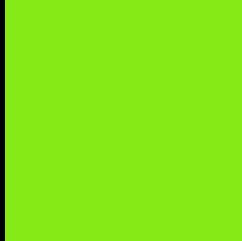
Large Text (above 18pt) WCAG AA × Fail

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 84, 98.091, 126.259 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 84, 98.091, 126.259

Background



This preview shows how black text looks on a background with the CIELCh color 84, 98.091, 126.259.



This preview shows how white text looks on a background with the CIELCh color 84, 98.091, 126.259.

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
84, 98.091, 126.259

Protanopia
84, 83.531, 95.055

Deuteranopia
83, 58.719, 80.976



Tritanopia
84, 19.820, 225.409

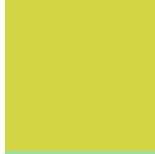
Trichromacy



Original Color
84, 98.091, 126.259



Protanomaly
83, 85.491, 108.688



Deuteranomaly
83, 69.408, 104.447

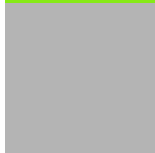


Tritanomaly
83, 43.612, 144.413

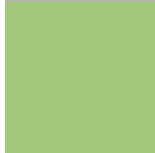
Monochromacy



Original Color
84, 98.091, 126.259



Achromatopsia
73, 0.009, 296.813



Achromatomaly
76, 43.022, 126.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 98.091, 126.259 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(134, 234, 22)` looks like.

```
.text, #text, p{  
    color:rgb(134, 234, 22)  
}
```

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(134, 234, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 234, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 98.091, 126.259 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(134, 234, 22) }
```

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

```
.border{ border-color:rgb(134, 234, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 234, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 234, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 234, 22);  
box-shadow:4px 4px 4px 4px rgb(134, 234,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 98.091, 126.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 234, 22) }
```

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

```
.background{ background-color: rgb(134,  
234, 22) }
```

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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