

Converting Colors

CIELCh(88, 103.213, 127.716)

Have a look what the booklet for
CIELCh(88, 103.213, 127.716)
contains.

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Color

CIELCh(88, 103.318, 127.657)

Conversions

Conversions Part 1

Format	Color
Hex	86F81A
RGB	134, 248, 26
RGB Percent	53%, 97%, 10%
CMY	0.4758, 0.0286, 0.8964
CMYK	0.46, 0.00, 0.89, 0.03
HSL	91°, 94%, 54%
HSV	91°, 89%, 97%
XYZ	43.4447, 72.0653, 12.6209
YIQ	188.6060, 3.3180, -93.2100

Conversions

Conversions Part 2

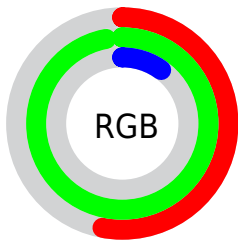
Format	Color
R _Y B	26, 248, 140
Decimal	8845338
CIE Lab	88.00, -63.12, 81.80
CIE LCh	88, 103.318, 127.657
Yxy	72.0653, 0.3391, 0.5624
Android (android.graphics.Color)	4287035418 (0xFF86F81A)
YUV	188.6060, -80.1648, -47.8895
Hunter-Lab	84.8913, -57.2090, 50.6092

Details

The CIELCh color **88, 103.318, 127.657** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **43, 116.758, 312.722**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 78.375, 121.800**, and **68, 91.626, 132.049** is the 20% darker color. If you saturate the color by 10%, you get **87, 107.330, 128.761**, and if you desaturate by 10%, it is **89, 96.859, 127.020**.

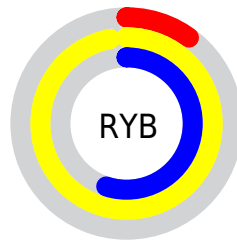
Distribution



Red (53%)

Green (97%)

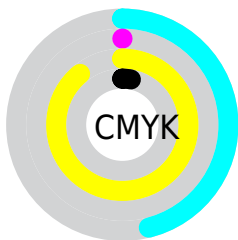
Blue (10%)



Red (10%)

Yellow (97%)

Blue (55%)

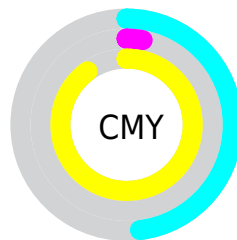


Cyan (46%)

Magenta (0%)

Yellow (89%)

Black (3%)



Cyan (48%)

Magenta (3%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 103.318, 127.657 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, 103.318, 127.657 by changing the saturation by 10% instead.

■ 88, 103.318,
127.657

■ 88, 103.318,
127.657

■ 100, 103.318,
127.657

■ 78, 103.318,
127.657

■ 68, 103.318,
127.657

■ 58, 103.318,
127.657

■ 48, 103.318,
127.657

■ 38, 103.318,
127.657

■ 28, 103.318,
127.657

■ 18, 103.318,

127.657

■ 8, 103.318,
127.657

■ 0, 103.318,
127.657

■ 88, 103.318,
127.657

■ 88, 103.318,
127.657

■ 87, 107.330,
128.761

■ 89, 96.859,
127.020

■ 87, 107.559,
128.837

■ 89, 88.020,
126.834

■ 90, 77.354,
126.971

■ 91, 65.434,
127.308

■ 92, 52.718,
127.750

■ 93, 39.534,
128.235

■ 95, 26.106,
128.725

■ 96, 12.590,
129.200

■ 98, 0.904, 309.468

Harmonies

Complementary

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



88, 103.318, 127.657



43, 116.758, 312.722

Rectangle

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



88, 103.318, 127.657



88, 103.318, 177.657



88, 103.318, 307.657



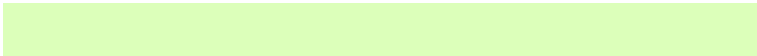
88, 103.318, 357.657

Sweetspot

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



88, 103.318, 127.658



96, 37.279, 128.348



68, 78.104, 62.813



51, 25.091, 128.180



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, 103.318, 127.658



90, 109.981, 128.862



86, 114.314, 136.391



52, 7.721, 129.193



68, 87.440, 128.564



22, 37.989, 127.159

Inverse Universe

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



43, 116.758, 312.722



41, 124.632, 312.027



59, 110.702, 328.161



48, 7.825, 310.012



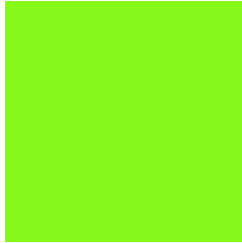
30, 99.195, 312.234



6, 43.255, 313.128

Previews

White Background



This preview shows how the CIELCh color 88, 103.318, 127.657 looks on a white background.

Color Contrast Check

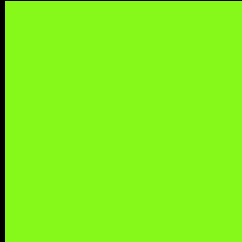
Large Text (above 18pt) WCAG AA × Fail

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, 103.318, 127.657 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

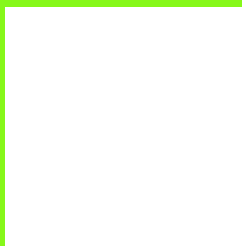
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 103.318, 127.657

Background



This preview shows how black text looks on a background with the CIELCh color 88, 103.318, 127.657.



This preview shows how white text looks on a background with the CIELCh color 88, 103.318, 127.657.

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

88, 103.452, 127.617

Protanopia

87, 86.344, 95.133

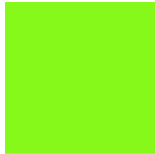
Deuteranopia

87, 37.652, 80.177



Tritanopia
88, 22.614, 224.445

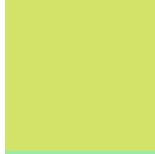
Trichromacy



Original Color
88, 103.452, 127.617



Protanomaly
87, 88.664, 109.551



Deuteranomaly
87, 61.023, 110.916

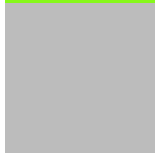


Tritanomaly
87, 46.363, 147.081

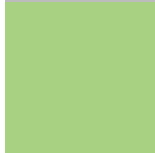
Monochromacy



Original Color
88, 103.452, 127.617



Achromatopsia
76, 0.009, 296.813



Achromatomaly
80, 45.288, 127.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 103.318, 127.657 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, 248, 26)` looks like.

```
.text, #text, p{  
    color:rgb(134, 248, 26)  
}
```

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, 248, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 248, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 103.318, 127.657 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, 248, 26) }
```

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

```
.border{ border-color:rgb(134, 248, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 248, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 248, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 248, 26);  
box-shadow:4px 4px 4px 4px rgb(134, 248,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 103.318, 127.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 248, 26) }
```

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

```
.background{ background-color: rgb(134,  
248, 26) }
```

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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