

Converting Colors

CIELCh(88, 97.821, 143.353)

Have a look what the booklet for
CIELCh(88, 97.821, 143.353)
contains.

CIELCh(88, 98.067, 143.255)	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(88, 98.067, 143.255)

Conversions

Conversions Part 1

Format	Color
Hex	25FE64
RGB	37, 254, 100
RGB Percent	15%, 100%, 39%
CMY	0.8567, 0.0046, 0.6085
CMYK	0.86, 0.00, 0.61, 0.00
HSL	137°, 99%, 57%
HSV	137°, 86%, 100%
XYZ	38.4199, 72.0653, 23.8978
YIQ	171.5610, -79.8980, -93.8980

Conversions

Conversions Part 2

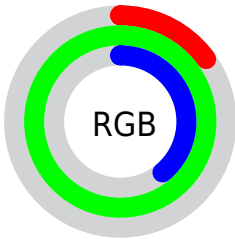
Format	Color
R_{YB}	37, 205, 254
Decimal	2489956
CIE _{Lab}	88.00, -78.58, 58.67
CIE _{LCh}	88, 98.067, 143.255
Yxy	72.0653, 0.2859, 0.5363
Android (android.graphics.Color)	4280680036 (0xFF25FE64)
YUV	171.5610, -35.2796, -118.0100
Hunter-Lab	84.8913, -67.7746, 42.7331

Details

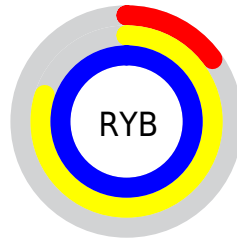
The CIELCh color **88, 98.067, 143.255** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **58, 90.767, 342.081**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 67.766, 146.879**, and **69, 91.636, 138.919** is the 20% darker color. If you saturate the color by 10%, you get **88, 104.774, 141.303**, and if you desaturate by 10%, it is **88, 89.907, 145.128**.

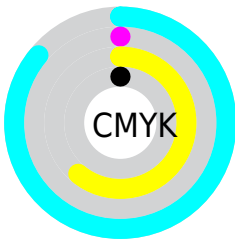
Distribution



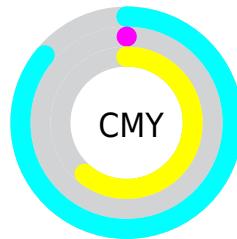
- Red (15%)
- Green (100%)
- Blue (39%)



- Red (15%)
- Yellow (80%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)





- Cyan (86%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 98.067, 143.255 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, 98.067, 143.255 by changing the saturation by 10% instead.

 88, 98.067,
143.255

 88, 98.067,
143.255

 100, 98.067,
143.255


 78, 98.067,
143.255

 68, 98.067,
143.255

 58, 98.067,
143.255

 48, 98.067,
143.255

 38, 98.067,
143.255


 28, 98.067,
143.255


 18, 98.067,


143.255


 8, 98.067, 143.255


 0, 98.067, 143.255


 88, 98.067,
143.255

 88, 98.067,
143.255


 88, 104.774,
141.303

 88, 89.907,
145.128

 88, 107.308,
140.483


 89, 80.397,
146.848


 90, 69.718,
148.384

 91, 58.103,
149.733

 93, 45.807,

150.905

 94, 33.082,
151.923

 96, 20.151,
152.809

 98, 7.203, 153.609

100, 0.744,
324.052

Harmonies

Complementary

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



88, 98.067, 143.255



58, 90.767, 342.081

Rectangle

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



88, 98.067, 143.255



88, 98.067, 193.255



88, 98.067, 323.255



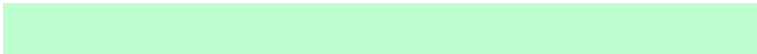
88, 98.067, 13.255

Sweetspot

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



88, 98.067, 143.255



95, 33.713, 151.885



93, 96.419, 118.056



50, 22.832, 151.547



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, 98.067, 143.255



88, 107.699, 140.478



90, 59.836, 171.519



52, 7.349, 153.300



68, 86.031, 140.834



23, 37.091, 143.690

Inverse Universe

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



58, 90.767, 342.081



57, 92.480, 344.671



55, 83.655, 21.635



50, 7.386, 334.556



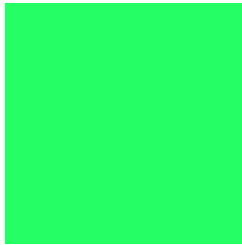
43, 74.731, 344.301



11, 35.199, 341.828

Previews

White Background



This preview shows how the CIE LCh color 88, 98.067, 143.255 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 88, 98.067, 143.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

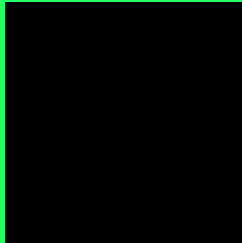
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 98.067, 143.255

Background



This preview shows how black text looks on a background with the CIELCh color 88, 98.067, 143.255.

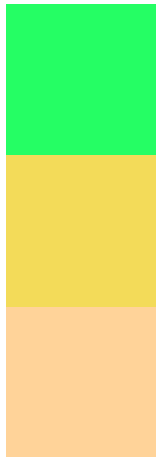


This preview shows how white text looks on a background with the CIELCh color 88, 98.067, 143.255.

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](#).

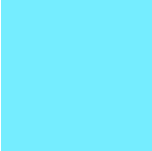
Dichromacy



Original Color
88, 98.067, 143.255

Protanopia
87, 65.209, 95.643

Deuteranopia
87, 35.387, 77.137



Tritanopia
88, 34.591, 213.319

Trichromacy



Original Color
88, 98.067, 143.255



Protanomaly
85, 72.893, 125.000

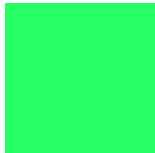


Deuteranomaly
85, 51.559, 128.834

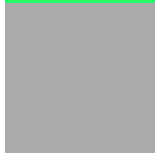


Tritanomaly
87, 51.773, 169.657

Monochromacy



Original Color
88, 98.067, 143.255



Achromatopsia
70, 0.009, 296.813



Achromatomaly
75, 41.742, 150.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 98.067, 143.255 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(37, 254, 100)` looks like.

```
.text, #text, p{  
    color:rgb(37, 254, 100)  
}
```

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(37, 254, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 254, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 98.067, 143.255 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(37, 254, 100) }
```

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

```
.border{ border-color:rgb(37, 254, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 254, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 254, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 254, 100);  
box-shadow:4px 4px 4px 4px rgb(37, 254,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 98.067, 143.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 254, 100) }
```

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

```
.background{ background-color: rgb(37, 254,  
100) }
```

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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