

Converting Colors

CIELCh(88, 98.024, 142.550)

Have a look what the booklet for
CIELCh(88, 98.024, 142.550)
contains.

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Color

CIELCh(88, 98.134, 142.580)

Conversions

Conversions Part 1

Format	Color
Hex	2EFE62
RGB	46, 254, 98
RGB Percent	18%, 100%, 38%
CMY	0.8192, 0.0056, 0.6172
CMYK	0.82, 0.00, 0.62, 0.01
HSL	135°, 99%, 59%
HSV	135°, 82%, 99%
XYZ	38.6208, 72.0653, 23.3304
YIQ	174.0240, -73.8920, -92.6120

Conversions

Conversions Part 2

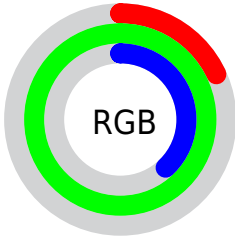
Format	Color
RYB	46, 212, 254
Decimal	3079778
CIELab	88.00, -77.94, 59.63
CIELCh	88, 98.134, 142.580
Yxy	72.0653, 0.2882, 0.5377
Android (android.graphics.Color)	4281269858 (0xFF2EFE62)
YUV	174.0240, -37.4798, -112.2770
Hunter-Lab	84.8913, -67.3521, 43.1294

Details

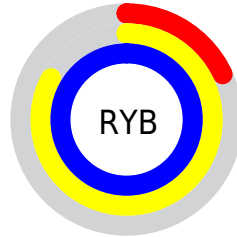
The CIELCh color **88, 98.134, 142.580** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **59, 91.943, 339.036**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 67.843, 145.749**, and **69, 92.372, 138.582** is the 20% darker color. If you saturate the color by 10%, you get **88, 105.414, 140.758**, and if you desaturate by 10%, it is **89, 89.268, 144.330**.

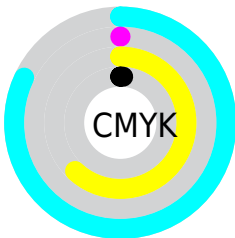
Distribution



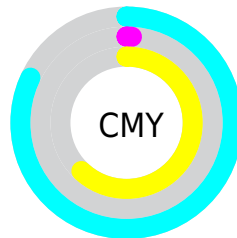
- Red (18%)
- Green (100%)
- Blue (38%)



- Red (18%)
- Yellow (83%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (62%)
- Black (1%)





- Cyan (82%)
- Magenta (1%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 98.134, 142.580 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, 98.134, 142.580 by changing the saturation by 10% instead.


 88, 98.134,
142.580


 88, 98.134,
142.580


 100, 98.134,
142.580


 78, 98.134,
142.580

 68, 98.134,
142.580

 58, 98.134,
142.580

 48, 98.134,
142.580

 38, 98.134,
142.580


 28, 98.134,
142.580


 18, 98.134,


142.580


 8, 98.134, 142.580


 0, 98.134, 142.580


 88, 98.134,
142.580


 88, 98.134,
142.580


 88, 105.414,
140.758

 89, 89.268,
144.330

 87, 110.168,
139.327


 89, 79.001,
145.936


 90, 67.575,
147.369

 92, 55.267,
148.625

 93, 42.354,

149.714

 95, 29.097,
150.657

 97, 15.718,
151.478

 99, 2.395, 152.316

100, 0.897,
324.128

Harmonies

Complementary

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



88, 98.134, 142.580



59, 91.943, 339.036

Rectangle

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



88, 98.134, 142.580



88, 98.134, 192.580



88, 98.134, 322.580



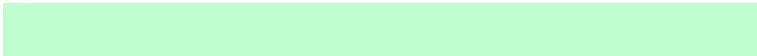
88, 98.134, 12.580

Sweetspot

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



88, 98.134, 142.580



95, 33.490, 150.371



93, 93.080, 115.503



50, 22.834, 150.040



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, 98.134, 142.580



88, 109.566, 139.648



90, 61.802, 167.875



52, 7.586, 151.655



68, 88.445, 139.647



23, 38.239, 142.335

Inverse Universe

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



59, 91.943, 339.036



57, 95.227, 341.264



56, 79.648, 15.650



50, 7.617, 332.866



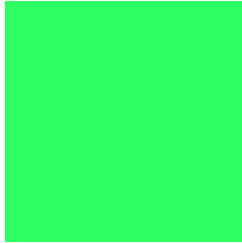
43, 76.944, 341.280



11, 36.163, 339.330

Previews

White Background



This preview shows how the CIELCh color 88, 98.134, 142.580 looks on a white background.

Color Contrast Check

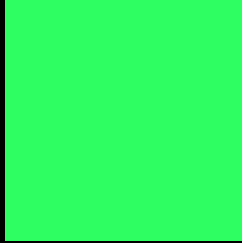
Large Text (above 18pt) WCAG AA × Fail

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, 98.134, 142.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

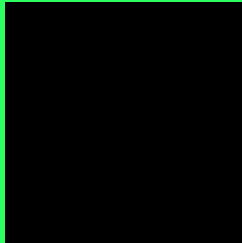
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

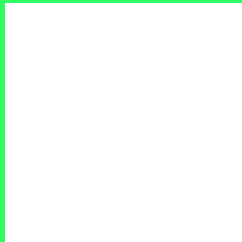
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 98.134, 142.580

Background



This preview shows how black text looks on a background with the CIELCh color 88, 98.134, 142.580.

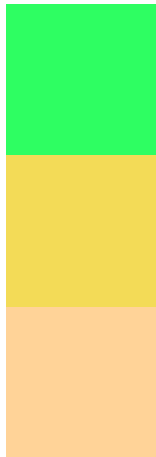


This preview shows how white text looks on a background with the CIELCh color 88, 98.134, 142.580.

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](#).

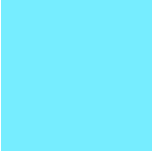
Dichromacy



Original Color
88, 98.201, 142.621

Protanopia
87, 66.031, 95.677

Deuteranopia
87, 35.843, 77.479



Tritanopia
88, 34.400, 213.420

Trichromacy



Original Color
88, 98.201, 142.621



Protanomaly
86, 73.251, 123.940



Deuteranomaly
85, 51.450, 127.113

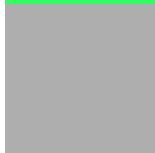


Tritanomaly
87, 51.454, 168.865

Monochromacy



Original Color
88, 98.201, 142.621



Achromatopsia
71, 0.009, 296.813



Achromatomaly
76, 41.424, 149.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 98.134, 142.580 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(46, 254, 98)` looks like.

```
.text, #text, p{  
    color:rgb(46, 254, 98)  
}
```

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(46, 254, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 254, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 98.134, 142.580 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(46, 254, 98) }
```

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

```
.border{ border-color:rgb(46, 254, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 254, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 254, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 254, 98);  
box-shadow:4px 4px 4px 4px rgb(46, 254,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 98.134, 142.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 254, 98) }
```

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

```
.background{ background-color: rgb(46, 254,  
98) }
```

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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