

Converting Colors

CIELCh(88, 79.130, 153.372)

Have a look what the booklet for
CIELCh(88, 79.130, 153.372)
contains.

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Color

CIELCh(88, 79.129, 153.416)

Conversions

Conversions Part 1

Format	Color
Hex	22FC96
RGB	34, 252, 150
RGB Percent	13%, 99%, 59%
CMY	0.8681, 0.0123, 0.4122
CMYK	0.87, 0.00, 0.40, 0.01
HSL	152°, 97%, 56%
HSV	152°, 87%, 99%
XYZ	40.9093, 72.0653, 40.5552
YIQ	175.1900, -97.1860, -77.9380

Conversions

Conversions Part 2

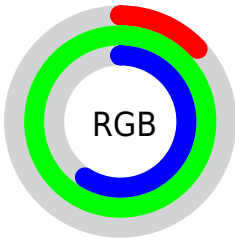
Format	Color
RYB	34, 176, 252
Decimal	2292886
CIELab	88.00, -70.76, 35.41
CIELCh	88, 79.129, 153.416
Yxy	72.0653, 0.2665, 0.4694
Android (android.graphics.Color)	4280482966 (0xFF22FC96)
YUV	175.1900, -12.4187, -123.8236
Hunter-Lab	84.8913, -62.5401, 31.0992

Details

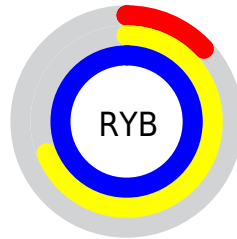
The CIELCh color **88, 79.129, 153.416** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **56, 81.100, 0.373**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 49.803, 165.066**, and **69, 72.230, 149.320** is the 20% darker color. If you saturate the color by 10%, you get **88, 84.411, 151.134**, and if you desaturate by 10%, it is **88, 72.891, 155.506**.

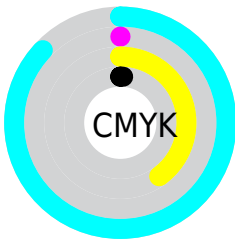
Distribution



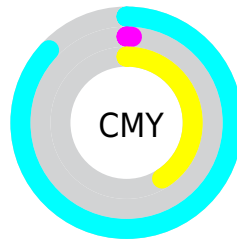
- Red (13%)
- Green (99%)
- Blue (59%)



- Red (13%)
- Yellow (69%)
- Blue (99%)



- Cyan (87%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)



- Cyan (87%)
- Magenta (1%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 79.129, 153.416 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, 79.129, 153.416 by changing the saturation by 10% instead.

 88, 79.129,
153.416


 88, 79.129,
153.416


 100, 79.129,
153.416


 78, 79.129,
153.416

 68, 79.129,
153.416

 58, 79.129,
153.416

 48, 79.129,
153.416

 38, 79.129,
153.416


 28, 79.129,
153.416

 18, 79.129,

153.416

 8, 79.129, 153.416

 0, 79.129, 153.416


 88, 79.129,
153.416


 88, 79.129,
153.416


 88, 84.411,
151.134

 88, 72.891,
155.506

 88, 86.053,
150.366

 89, 65.638,
157.379

 90, 57.417,
159.038

 91, 48.350,
160.503

 92, 38.606,

161.797

■ 94, 28.369,
162.949

■ 96, 17.819,
163.984

■ 98, 7.118, 164.950

■ 99, 1.955, 324.352

Harmonies

Complementary

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



88, 79.129, 153.416



56, 81.100, 0.373

Rectangle

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



88, 79.129, 153.416



88, 79.129, 203.416



88, 79.129, 333.416



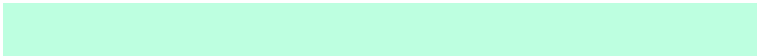
88, 79.129, 23.416

Sweetspot

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



88, 79.129, 153.416



95, 27.977, 163.017



89, 103.219, 127.488



50, 18.909, 162.635



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, 79.129, 153.416



89, 86.892, 150.350



89, 47.564, 198.809



51, 6.054, 164.675



67, 68.657, 150.808



22, 29.086, 154.210

Inverse Universe

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



56, 81.100, 0.373



55, 84.426, 6.150



54, 94.516, 36.947



49, 6.144, 346.226



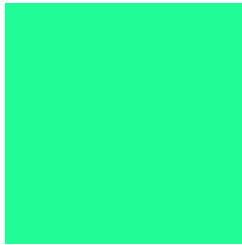
40, 67.345, 5.205



10, 30.795, 358.829

Previews

White Background



This preview shows how the CIE LCh color 88, 79.129, 153.416 looks on a white background.

Color Contrast Check

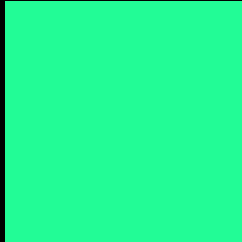
Large Text (above 18pt) WCAG AA × Fail

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, 79.129, 153.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

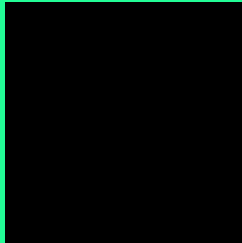
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 79.129, 153.416

Background



This preview shows how black text looks on a background with the CIELCh color 88, 79.129, 153.416.

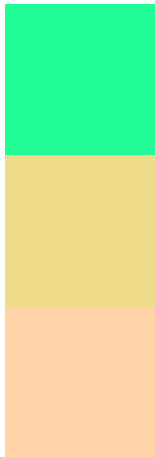


This preview shows how white text looks on a background with the CIELCh color 88, 79.129, 153.416.

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, 79.129, 153.416

Protanopia
87, 42.853, 96.105

Deuteranopia
87, 29.028, 69.900



Tritanopia
88, 34.968, 213.121

Trichromacy



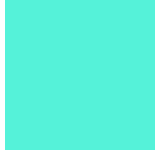
Original Color
88, 79.129, 153.416



Protanomaly
86, 52.323, 135.354



Deuteranomaly
85, 38.296, 136.787

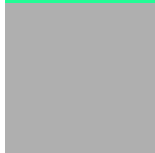


Tritanomaly
87, 46.656, 180.008

Monochromacy



Original Color
88, 79.129, 153.416



Achromatopsia
71, 0.009, 296.813



Achromatomaly
76, 34.359, 161.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 79.129, 153.416 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(34, 252, 150)` looks like.

```
.text, #text, p{  
    color:rgb(34, 252, 150)  
}
```

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(34, 252, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 252, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 79.129, 153.416 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(34, 252, 150) }
```

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

```
.border{ border-color:rgb(34, 252, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 252, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 252, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 252, 150);  
box-shadow:4px 4px 4px 4px rgb(34, 252,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 79.129, 153.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 252, 150) }
```

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

```
.background{ background-color: rgb(34, 252,  
150) }
```

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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