

Converting Colors

CIELCh(89, 80.239, 151.934)

Have a look what the booklet for
CIELCh(89, 80.239, 151.934)
contains.

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Color

CIELCh(89, 80.277, 151.925)

Conversions

Conversions Part 1

Format	Color
Hex	32FF94
RGB	50, 255, 148
RGB Percent	20%, 100%, 58%
CMY	0.8057, 0.0009, 0.4205
CMYK	0.81, 0.00, 0.42, 0.00
HSL	149°, 100%, 60%
HSV	149°, 81%, 100%
XYZ	42.3042, 74.1641, 40.0120
YIQ	181.5070, -87.8330, -76.7370

Conversions

Conversions Part 2

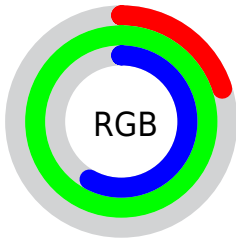
Format	Color
RYB	50, 189, 255
Decimal	3342228
CIELab	89.00, -70.83, 37.78
CIELCh	89, 80.277, 151.925
Yxy	74.1641, 0.2703, 0.4740
Android (android.graphics.Color)	4281532308 (0xFF32FF94)
YUV	181.5070, -16.5190, -115.3316
Hunter-Lab	86.1186, -63.0227, 32.7360

Details

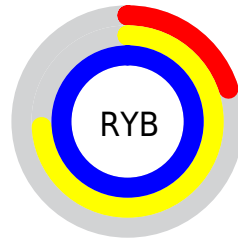
The CIELCh color **89, 80.277, 151.925** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **58, 80.876, 354.025**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 48.860, 163.073**, and **70, 74.453, 148.406** is the 20% darker color. If you saturate the color by 10%, you get **89, 86.667, 149.765**, and if you desaturate by 10%, it is **90, 72.833, 153.879**.

Distribution



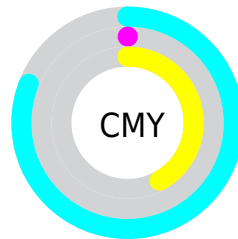
- Red (20%)
- Green (100%)
- Blue (58%)



- Red (20%)
- Yellow (74%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (81%)
- Magenta (0%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 80.277, 151.925 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 89, 80.277, 151.925 by changing the saturation by 10% instead.


 89, 80.277,
151.925


 89, 80.277,
151.925


 100, 80.277,
151.925


 79, 80.277,
151.925

 69, 80.277,
151.925

 59, 80.277,
151.925

 49, 80.277,
151.925

 39, 80.277,
151.925

 29, 80.277,
151.925

 19, 80.277,

151.925

■ 9, 80.277, 151.925

■ 0, 80.277, 151.925

■ 89, 80.277,
151.925

■ 89, 80.277,
151.925

■ 89, 86.667,
149.765

■ 90, 72.833,
153.879

■ 88, 91.867,
147.612


■ 90, 64.359,
155.616


■ 91, 54.969,
157.147


■ 93, 44.832,
158.492


■ 94, 34.143,

159.678

 96, 23.096,
160.730

 98, 11.869,
161.681

 100, 0.611,
163.259

 100, 0.157,
322.474

Harmonies

Complementary

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



89, 80.277, 151.925



58, 80.876, 354.025

Rectangle

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



89, 80.277, 151.925



89, 80.277, 201.925



89, 80.277, 331.925



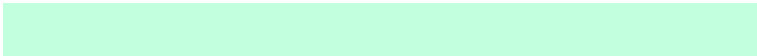
89, 80.277, 21.925

Sweetspot

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



89, 80.278, 151.925



95, 26.955, 160.380



91, 98.531, 125.384



50, 18.480, 160.005



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 80.278, 151.925



88, 90.332, 148.285



91, 49.072, 192.222



52, 6.399, 161.777



68, 73.384, 148.040



23, 31.617, 151.261

Inverse Universe

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



58, 80.876, 354.025



55, 84.699, 359.674



56, 87.988, 32.508



50, 6.475, 343.264



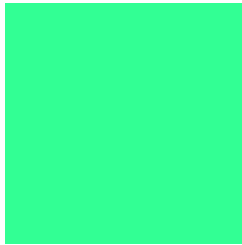
41, 68.522, 0.098



11, 32.086, 354.832

Previews

White Background



This preview shows how the CIE LCh color 89, 80.277, 151.925 looks on a white background.

Color Contrast Check

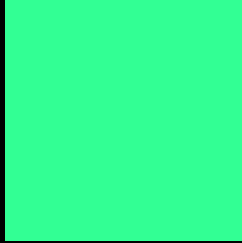
Large Text (above 18pt) WCAG AA × Fail

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 89, 80.277, 151.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

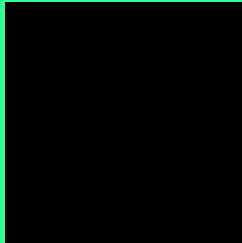
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

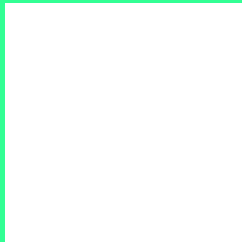
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 80.277, 151.925

Background



This preview shows how black text looks on a background with the CIELCh color 89, 80.277, 151.925.

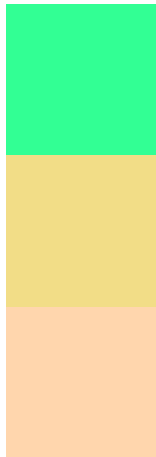


This preview shows how white text looks on a background with the CIELCh color 89, 80.277, 151.925.

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
89, 80.277, 151.925

Protanopia
88, 44.902, 95.358

Deuteranopia
88, 27.022, 71.377



Tritanopia
89, 31.735, 213.935

Trichromacy



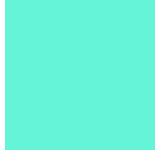
Original Color
89, 80.277, 151.925



Protanomaly
86, 52.959, 132.395



Deuteranomaly
86, 38.439, 135.995

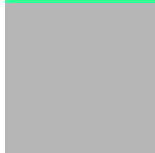


Tritanomaly
88, 44.956, 177.443

Monochromacy



Original Color
89, 80.277, 151.925



Achromatopsia
74, 0.009, 296.813



Achromatomaly
78, 33.982, 159.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 80.277, 151.925 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(50, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(50, 255, 148)  
}
```

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(50, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 255, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 80.277, 151.925 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(50, 255, 148) }
```

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

```
.border{ border-color:rgb(50, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(50, 255,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 80.277, 151.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 255, 148) }
```

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

```
.background{ background-color: rgb(50, 255,  
148) }
```

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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