

Converting Colors

CIELCh(89, 81.758, 149.913)

Have a look what the booklet for
CIELCh(89, 81.758, 149.913)
contains.

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Color

CIELCh(89, 82.062, 149.817)

Conversions

Conversions Part 1

Format	Color
Hex	3BFF8D
RGB	59, 255, 141
RGB Percent	23%, 100%, 55%
CMY	0.7668, 0.0013, 0.4482
CMYK	0.77, 0.00, 0.45, 0.00
HSL	145°, 100%, 62%
HSV	145°, 77%, 100%
XYZ	42.2692, 74.1641, 37.1685
YIQ	183.4000, -80.2220, -77.0060

Conversions

Conversions Part 2

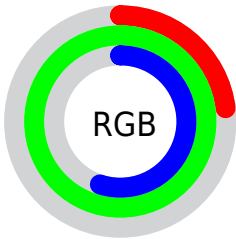
Format	Color
RYB	59, 197, 255
Decimal	3932045
CIELab	89.00, -70.94, 41.26
CIELCh	89, 82.062, 149.817
Yxy	74.1641, 0.2752, 0.4828
Android (android.graphics.Color)	4282122125 (0xFF3BFF8D)
YUV	183.4000, -20.9032, -109.0988
Hunter-Lab	86.1186, -63.0953, 34.6937

Details

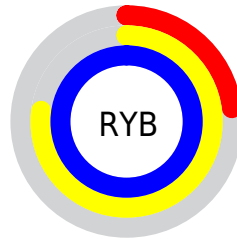
The CIELCh color **89, 82.062, 149.817** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **59, 81.245, 348.549**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 50.468, 159.305**, and **70, 77.111, 146.741** is the 20% darker color. If you saturate the color by 10%, you get **89, 89.377, 147.770**, and if you desaturate by 10%, it is **90, 73.627, 151.661**.

Distribution



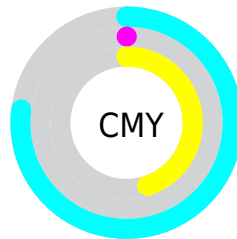
- Red (23%)
- Green (100%)
- Blue (55%)



- Red (23%)
- Yellow (77%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)




- Cyan (77%)
- Magenta (0%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 82.062, 149.817 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, 82.062, 149.817 by changing the saturation by 10% instead.


 89, 82.062,
149.817

 89, 82.062,
149.817


 100, 82.062,
149.817


 79, 82.062,
149.817

 69, 82.062,
149.817

 59, 82.062,
149.817

 49, 82.062,
149.817

 39, 82.062,
149.817


 29, 82.062,
149.817


 19, 82.062,


149.817


 9, 82.062, 149.817


 0, 82.062, 149.817


 89, 82.062,
149.817


 89, 82.062,
149.817


 89, 89.377,
147.770


 90, 73.627,
151.661

 88, 95.583,
145.567

 91, 64.160,
153.295

 88, 97.485,
144.840

 92, 53.822,
154.728

 93, 42.815,
155.981

 95, 31.350,

157.080

■ 96, 19.627,
158.051

■ 98, 7.821, 158.938

100, 0.215,
323.012

Harmonies

Complementary

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



89, 82.062, 149.817



59, 81.245, 348.549

Rectangle

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



89, 82.062, 149.817



89, 82.062, 199.817



89, 82.062, 329.817



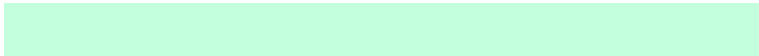
89, 82.062, 19.817

Sweetspot

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



89, 82.063, 149.817



95, 27.118, 157.448



92, 93.626, 122.695



50, 18.746, 157.084



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, 82.063, 149.817



88, 92.924, 146.605



91, 50.684, 184.657



52, 6.700, 158.688



68, 77.888, 145.253



23, 33.501, 148.409

Inverse Universe

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



59, 81.245, 348.549



56, 86.174, 352.452



57, 80.874, 26.438



50, 6.760, 340.094



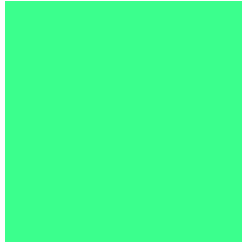
42, 69.882, 354.391



11, 32.900, 350.117

Previews

White Background



This preview shows how the CIE LCh color 89, 82.062, 149.817 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, 82.062, 149.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

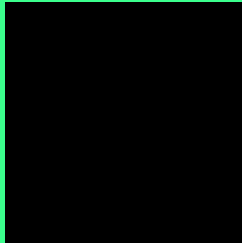
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 82.062, 149.817

Background



This preview shows how black text looks on a background with the CIELCh color 89, 82.062, 149.817.

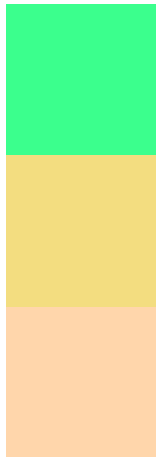


This preview shows how white text looks on a background with the CIELCh color 89, 82.062, 149.817.

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, 82.152, 149.871

Protanopia

88, 48.350, 95.292

Deuteranopia

88, 27.887, 72.500

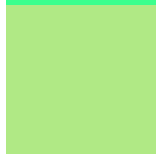


Tritanopia
89, 31.306, 214.189

Trichromacy



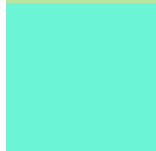
Original Color
89, 82.152, 149.871



Protanomaly
87, 55.407, 129.472

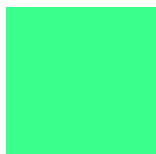


Deuteranomaly
86, 39.562, 132.796

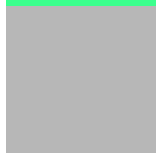


Tritanomaly
88, 44.833, 175.278

Monochromacy



Original Color
89, 82.152, 149.871



Achromatopsia
74, 0.009, 296.813



Achromatomaly
78, 33.723, 156.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 82.062, 149.817 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(59, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(59, 255, 141)  
}
```

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(59, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 255, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 82.062, 149.817 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(59, 255, 141) }
```

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

```
.border{ border-color:rgb(59, 255, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 255, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(59, 255,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 82.062, 149.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 255, 141) }
```

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

```
.background{ background-color: rgb(59, 255,  
141) }
```

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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