Converting Colors

CIELCh(89, 96.552, 143.041)

Have a look what the booklet for CIELCh(89, 96.552, 143.041) contains.

Color

CIELCh(89, 95.952, 143.079)

Conversions

Conversions Part 1

Format	Color
Hex	39FF69
RGB	57, 255, 105
RGB Percent	22%, 100%, 41%
CMY	0.7763, 0.0000, 0.5879
CMYK	0.78, 0.00, 0.59, 0.00
HSL	135°, 100%, 61%
HSV	135°, 78%, 100%
XYZ	40.3796, 74.1641, 25.5718
YIQ	178.6980, -69.8580, -88.6260

Conversions

Conversions Part 2

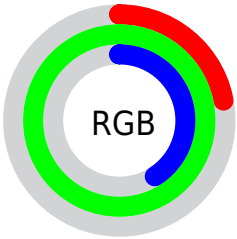
Format	Color
RYB	57, 216, 255
Decimal	3800937
CIELab	89.00, -76.71, 57.64
CIELCh	89, 95.952, 143.079
Yxy	74.1641, 0.2882, 0.5293
Android (android.graphics.Color)	4281991017 (0xFF39FF69)
YUV	178.6980, -36.3331, -106.7291
Hunter-Lab	86.1186, -67.0118, 42.6776

Details

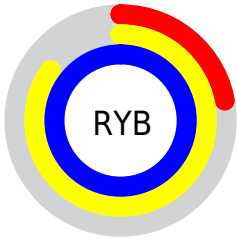
The CIELCh color 89, 95.952, 143.079 is a dark color, and the websafe version is hex 33FF66. The color can be described as middle washed spring green. A complement of this color would be 61, 90.686, 338.257, and the grayscale version is 73, 0.009, 296.813.

A 20% lighter version of the original color is 91, 64.167, 146.796, and 70, 90.475, 139.622 is the 20% darker color. If you saturate the color by 10%, you get 88, 103.413, 141.355, and if you desaturate by 10%, it is 89, 85.865, 144.833.

Distribution

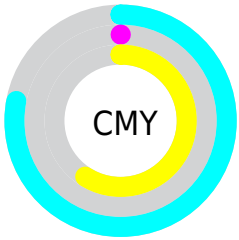


- Red (22%)
- Green (100%)
- Blue (41%)



- Red (22%)
- Yellow (85%)
- Blue (100%)

- Cyan (78%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (78%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 95.952, 143.079 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, 95.952, 143.079 by changing the saturation by 10% instead.

89, 95.952, 143.079

100, 95.952, 143.079

89, 95.952, 143.079

79, 95.952, 143.079

69, 95.952, 143.079

59, 95.952, 143.079

49, 95.952, 143.079

39, 95.952, 143.079

29, 95.952, 143.079

19, 95.952,

143.079

9, 95.952, 143.079

0, 95.952, 143.079

89, 95.952, 143.079

88, 103.413, 141.355

88, 109.728, 139.568

88, 111.012, 139.184

89, 95.952, 143.079

89, 85.865, 144.833

90, 74.992, 146.365

91, 63.059, 147.719

93, 50.352, 148.901

94, 37.148,

149.924

96, 23.697, 150.809

98, 10.205, 151.591

100, 0.012, 296.813

Harmonies

Complementary

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

89, 95.952, 143.079

61, 90.686, 338.257

Rectangle

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

89, 95.952, 143.079

89, 95.952, 193.079

89, 95.952, 323.079

89, 95.952, 13.079

Sweetspot

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

89, 95.412, 143.146

95, 30.943, 150.349

94, 90.696, 115.411

50, 21.411, 150.019

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, 95.412, 143.146

88, 107.018, 140.384

90, 60.250, 168.641

52, 7.618, 151.449

68, 88.740, 139.505

23, 38.384, 142.169

Inverse Universe

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

61, 90.686, 338.257

58, 95.455, 340.161

57, 77.107, 13.818

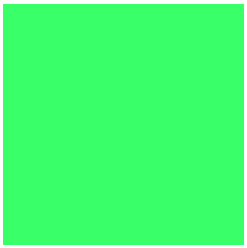
50, 7.647, 332.654

43, 77.249, 340.905

11, 36.294, 339.019

Previews

White Background

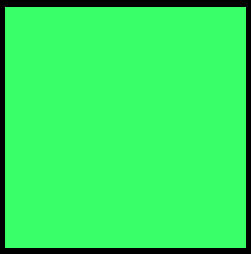


This preview shows how the CIELCh color 89, 95.952, 143.079 looks on a white background.

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, 95.952, 143.079 looks on a black background.

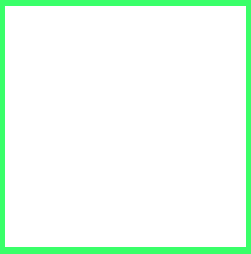
Color Contrast Check

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, 95.952, 143.079 Background

This preview shows how black text looks on a background with the CIELCh color 89, 95.952, 143.079.



This preview shows how white text looks on a background with the CIELCh color 89, 95.952, 143.079.

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

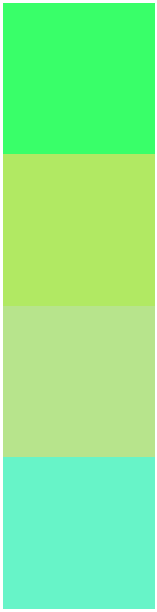
Original Color
89, 95.444, 143.136

Protanopia
88, 63.496, 95.623

Deuteranopia
88, 32.601, 76.490

Tritanopia
88, 32.200, 214.668

Trichromacy



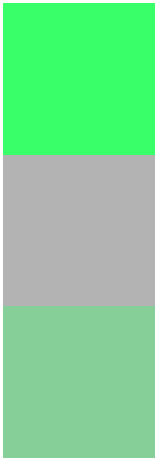
Original Color
89, 95.444, 143.136

Protanomaly
86, 69.786, 123.458

Deuteranomaly
86, 48.347, 127.656

Tritanomaly
88, 49.429, 168.519

Monochromacy



Original Color
89, 95.444, 143.136

Achromatopsia
73, 0.009, 296.813

Achromatomaly
77, 39.579, 149.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 95.952, 143.079 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(57, 255, 105) looks like.

```
.text, #text, p{
    color:rgb(57, 255, 105)
}
```

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(57, 255, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 255, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 95.952, 143.079 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(57, 255, 105) }
```

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

```
.border{ border-color:rgb(57, 255, 105) }
```

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

Here you see how a box with a 4 pixel rgb(57, 255, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 255, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 255, 105); box-shadow:4px 4px 4px 4px rgb(57, 255, 105) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 95.952, 143.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(57, 255, 105) }
```

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

```
.background{ background-color:rgb(57, 255,
105) }
```

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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