Converting Colors

CIELCh(89, 93.804, 139.147)

Have a look what the booklet for CIELCh(89, 93.804, 139.147) contains.

CIELCh(89, 93.634, 139.142) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 21
- ***Color Blindness Simulation*** 24
- ***CSS Examples*** 27

Color

CIELCh(89, 93.634, 139.142)

Conversions

Conversions Part 1

Format	Color
Hex	5FFE61
RGB	95, 254, 97
RGB Percent	37%, 100%, 38%
CMY	0.6276, 0.0040, 0.6197
CMYK	0.63, 0.00, 0.62, 0.00
HSL	121°, 99%, 68%
HSV	121°, 63%, 100%
XYZ	42.3083, 74.1641, 23.3898
YIQ	188.5610, -44.3670, -82.5350

Conversions

Conversions Part 2

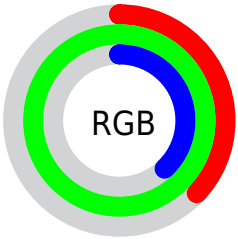
Format	Color
RYB	95, 252, 254
Decimal	6291041
CIELab	89.00, -70.82, 61.25
CIELCh	89, 93.634, 139.142
Yxy	74.1641, 0.3025, 0.5303
Android (android.graphics.Color)	4284481121 (0xFF5FFE61)
YUV	188.5610, -45.1396, -82.0530
Hunter-Lab	86.1186, -63.0141, 44.1798

Details

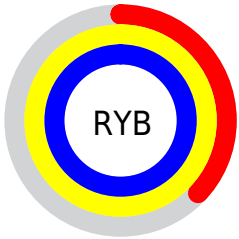
The CIELCh color 89, 93.634, 139.142 is a dark color, and the websafe version is hex 66FF66. The color can be described as middle muted spring green. A complement of this color would be 67, 92.330, 327.951, and the grayscale version is 77, 0.009, 296.813.

A 20% lighter version of the original color is 92, 62.112, 139.831, and 69, 92.609, 138.474 is the 20% darker color. If you saturate the color by 10%, you get 88, 104.397, 137.996, and if you desaturate by 10%, it is 90, 80.827, 140.314.

Distribution

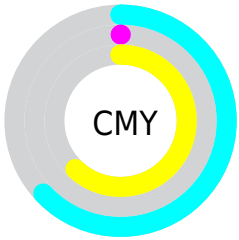


- Red (37%)
- Green (100%)
- Blue (38%)



- Red (37%)
- Yellow (99%)
- Blue (100%)

- Cyan (63%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 93.634, 139.142 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, 93.634, 139.142 by changing the saturation by 10% instead.

89, 93.634, 139.142

100, 93.634, 139.142

89, 93.634, 139.142

79, 93.634, 139.142

69, 93.634, 139.142

59, 93.634, 139.142

49, 93.634, 139.142

39, 93.634, 139.142

29, 93.634, 139.142

19, 93.634,

139.142

9, 93.634, 139.142

0, 93.634, 139.142

89, 93.634, 139.142

88, 104.397, 137.996

88, 112.487, 137.013

88, 117.439, 136.337

87, 119.215, 136.085

89, 93.634, 139.142

90, 80.827, 140.314

91, 66.577, 141.418

93, 51.398, 142.410

95, 35.714, 143.275

97, 19.854,

144.021

99, 4.068, 144.708

100, 0.641, 323.981

Harmonies

Complementary

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

89, 93.634, 139.142

67, 92.330, 327.951

Rectangle

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

89, 93.634, 139.142

89, 93.634, 189.142

89, 93.634, 319.142

89, 93.634, 9.142

Sweetspot

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

89, 93.634, 139.143

96, 30.097, 143.557

97, 75.623, 104.386

50, 20.724, 143.335

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, 93.634, 139.143

88, 106.937, 137.738

90, 64.758, 156.349

52, 8.966, 144.232

68, 96.243, 136.114

22, 43.546, 137.012

Inverse Universe

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

67, 92.330, 327.951

63, 104.283, 328.343

64, 68.266, 351.295

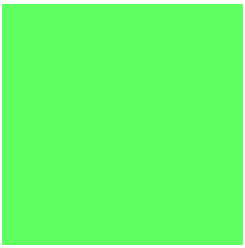
50, 8.980, 325.286

45, 92.164, 328.742

12, 42.451, 328.680

Previews

White Background

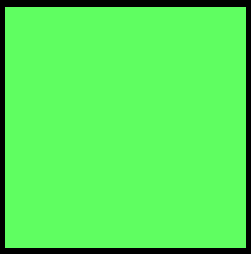


This preview shows how the CIELCh color 89, 93.634, 139.142 looks on a white background.

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, 93.634, 139.142 looks on a black background.

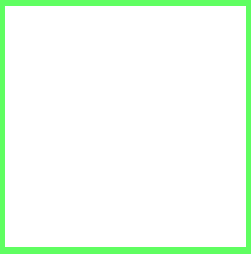
Color Contrast Check

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, 93.634, 139.142 Background

This preview shows how black text looks on a background with the CIELCh color 89, 93.634, 139.142.



This preview shows how white text looks on a background with the CIELCh color 89, 93.634, 139.142.

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

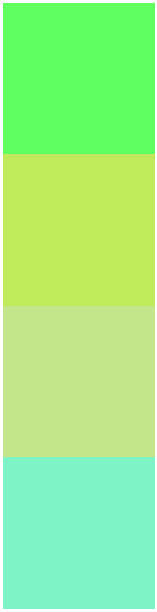
Original Color
89, 93.634, 139.142

Protanopia
88, 66.886, 95.432

Deuteranopia
88, 31.641, 77.355

Tritanopia
89, 29.157, 216.685

Trichromacy



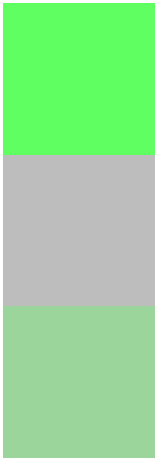
Original Color
89, 93.634, 139.142

Protanomaly
87, 71.697, 118.291

Deuteranomaly
87, 47.565, 121.767

Tritanomaly
88, 45.026, 165.113

Monochromacy



Original Color
89, 93.634, 139.142

Achromatopsia
77, 0.009, 296.813

Achromatomaly
80, 37.170, 143.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 93.634, 139.142 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(95, 254, 97) looks like.

```
.text, #text, p{
    color:rgb(95, 254, 97)
}
```

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(95, 254, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 254, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 93.634, 139.142 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(95, 254, 97) }
```

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

```
.border{ border-color:rgb(95, 254, 97) }
```

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

Here you see how a box with a 4 pixel rgb(95, 254, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 254, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 254, 97); box-shadow:4px 4px 4px 4px rgb(95, 254, 97) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 93.634, 139.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(95, 254, 97) }
```

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

```
.background{ background-color:rgb(95, 254,
97) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor