

Converting Colors

CIELCh(88, 102.556, 139.094)

Have a look what the booklet for
CIELCh(88, 102.556, 139.094)
contains.

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Color

CIELCh(88, 102.329, 139.121)

Conversions

Conversions Part 1

Format	Color
Hex	41FD4F
RGB	65, 253, 79
RGB Percent	25%, 99%, 31%
CMY	0.7440, 0.0071, 0.6895
CMYK	0.74, 0.00, 0.69, 0.01
HSL	124°, 98%, 62%
HSV	124°, 74%, 99%
XYZ	38.7988, 72.0653, 19.2961
YIQ	176.9520, -56.1940, -93.9700

Conversions

Conversions Part 2

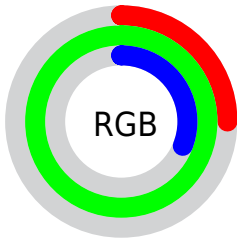
Format	Color
RYB	65, 240, 253
Decimal	4324687
CIELab	88.00, -77.37, 66.97
CIElCh	88, 102.329, 139.121
Yxy	72.0653, 0.2981, 0.5537
Android (android.graphics.Color)	4282514767 (0xFF41FD4F)
YUV	176.9520, -48.2903, -98.1819
Hunter-Lab	84.8913, -66.9778, 45.9470

Details

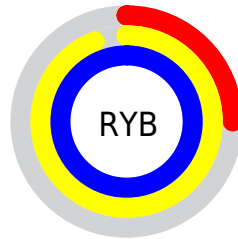
The CIELCh color **88, 102.329, 139.121** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **62, 98.850, 330.496**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 72.632, 139.974**, and **69, 97.882, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 110.485, 137.886**, and if you desaturate by 10%, it is **89, 91.866, 140.434**.

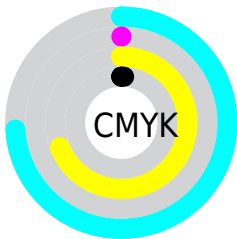
Distribution



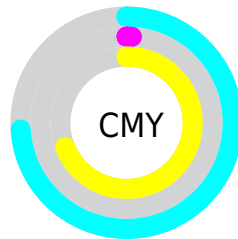
- Red (25%)
- Green (99%)
- Blue (31%)



- Red (25%)
- Yellow (94%)
- Blue (99%)



- Cyan (74%)
- Magenta (0%)
- Yellow (69%)
- Black (1%)





- Cyan (74%)
- Magenta (1%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 102.329, 139.121 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, 102.329, 139.121 by changing the saturation by 10% instead.


 88, 102.329,
139.121


 88, 102.329,
139.121


 100, 102.329,
139.121


 78, 102.329,
139.121


 68, 102.329,
139.121

 58, 102.329,
139.121

 48, 102.329,
139.121

 38, 102.329,
139.121

 28, 102.329,
139.121

 18, 102.329,

139.121

■ 8, 102.329,
139.121

■ 0, 102.329,
139.121

■ 88, 102.329,
139.121

■ 88, 102.329,
139.121

■ 88, 110.485,
137.886

■ 89, 91.866,
140.434

■ 87, 115.926,
136.871

■ 90, 79.597,
141.712

■ 87, 117.830,
136.468

■ 91, 66.011,
142.886

■ 92, 51.548,
143.927

■ 94, 36.584,
144.831

■ 96, 21.425,
145.609

■ 98, 6.306, 146.303

■ 100, 1.135,
324.209

Harmonies

Complementary

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



88, 102.329, 139.121



62, 98.850, 330.496

Rectangle

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



88, 102.329, 139.121



88, 102.329, 189.121



88, 102.329, 319.121



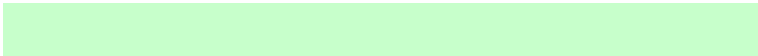
88, 102.329, 9.121

Sweetspot

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



88, 102.329, 139.122



95, 33.427, 145.013



96, 85.709, 107.113



50, 22.462, 144.788



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, 102.329, 139.122



88, 114.078, 137.361



89, 69.161, 157.882



52, 8.595, 145.939



68, 95.099, 136.607



22, 42.204, 138.200

Inverse Universe

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



62, 98.850, 330.496



60, 107.109, 331.084



59, 74.947, 358.959



50, 8.611, 327.019



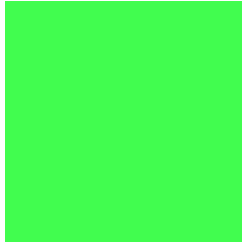
45, 87.822, 331.422



12, 40.686, 331.010

Previews

White Background



This preview shows how the CIELCh color 88, 102.329, 139.121 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, 102.329, 139.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

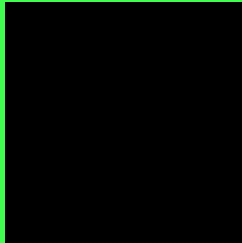
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 102.329, 139.121

Background



This preview shows how black text looks on a background with the CIELCh color 88, 102.329, 139.121.

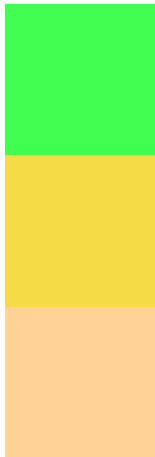


This preview shows how white text looks on a background with the CIELCh color 88, 102.329, 139.121.

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, 102.329, 139.121

Protanopia

87, 72.716, 95.196

Deuteranopia

87, 36.758, 78.133



Tritanopia
88, 33.459, 214.904

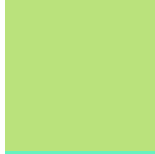
Trichromacy



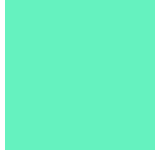
Original Color
88, 102.329, 139.121



Protanomaly
86, 78.242, 119.410



Deuteranomaly
85, 54.151, 122.928

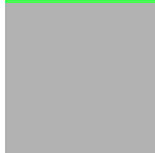


Tritanomaly
87, 51.719, 165.080

Monochromacy



Original Color
88, 102.329, 139.121



Achromatopsia
72, 0.009, 296.813



Achromatomaly
77, 42.792, 143.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 102.329, 139.121 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(65, 253, 79)` looks like.

```
.text, #text, p{  
    color:rgb(65, 253, 79)  
}
```

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(65, 253, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 253, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 102.329, 139.121 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(65, 253, 79) }
```

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

```
.border{ border-color:rgb(65, 253, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 253, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 253, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 253, 79);  
box-shadow:4px 4px 4px 4px rgb(65, 253,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 102.329, 139.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 253, 79) }
```

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

```
.background{ background-color: rgb(65, 253,  
79) }
```

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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