

Converting Colors

CIELCh(88, 99.917, 139.624)

Have a look what the booklet for
CIELCh(88, 99.917, 139.624)
contains.

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Color

CIELCh(88, 100.101, 139.622)

Conversions

Conversions Part 1

Format	Color
Hex	45FD55
RGB	69, 253, 85
RGB Percent	27%, 99%, 33%
CMY	0.7303, 0.0084, 0.6672
CMYK	0.73, 0.00, 0.66, 0.01
HSL	125°, 98%, 63%
HSV	125°, 73%, 99%
XYZ	39.1497, 72.0653, 20.4106
YIQ	178.8320, -55.7360, -91.2560

Conversions

Conversions Part 2

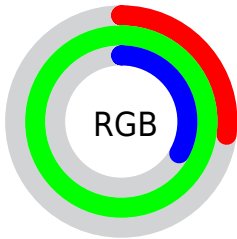
Format	Color
RYB	69, 238, 253
Decimal	4586837
CIELab	88.00, -76.26, 64.85
CIElCh	88, 100.101, 139.622
Yxy	72.0653, 0.2974, 0.5475
Android (android.graphics.Color)	4282776917 (0xFF45FD55)
YUV	178.8320, -46.2592, -96.3227
Hunter-Lab	84.8913, -66.2401, 45.1687

Details

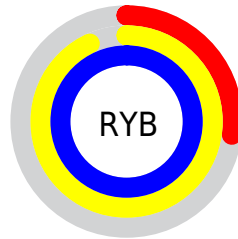
The CIELCh color **88, 100.101, 139.622** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **63, 96.781, 330.938**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 70.285, 140.692**, and **69, 96.077, 136.782** is the 20% darker color. If you saturate the color by 10%, you get **87, 108.680, 138.315**, and if you desaturate by 10%, it is **89, 89.372, 140.968**.

Distribution



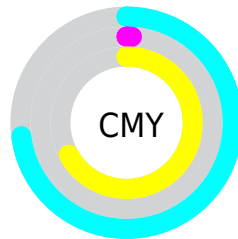
- Red (27%)
- Green (99%)
- Blue (33%)



- Red (27%)
- Yellow (93%)
- Blue (99%)



- Cyan (73%)
- Magenta (0%)
- Yellow (66%)
- Black (1%)



- Cyan (73%)
- Magenta (1%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 100.101, 139.622 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, 100.101, 139.622 by changing the saturation by 10% instead.

 88, 100.101,
139.622


 88, 100.101,
139.622


 100, 100.101,
139.622


 78, 100.101,
139.622

 68, 100.101,
139.622

 58, 100.101,
139.622


 48, 100.101,
139.622


 38, 100.101,
139.622

 28, 100.101,
139.622


 18, 100.101,


139.622

 8, 100.101,
139.622


 0, 100.101,
139.622


 88, 100.101,
139.622


 88, 100.101,
139.622


 87, 108.680,
138.315

 89, 89.372,
140.968

 87, 114.693,
137.183

 90, 76.969,
142.252

 87, 117.371,
136.587

 91, 63.354,
143.418

 93, 48.941,
144.446

■ 94, 34.086,
145.335

■ 96, 19.077,
146.101

■ 99, 4.137, 146.810

99, 1.342, 324.258

Harmonies

Complementary

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



88, 100.101, 139.622



63, 96.781, 330.938

Rectangle

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



88, 100.101, 139.622



88, 100.101, 189.622



88, 100.101, 319.622



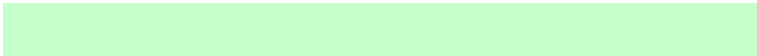
88, 100.101, 9.622

Sweetspot

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



88, 100.101, 139.623



95, 33.115, 145.400



95, 84.623, 108.020



50, 22.253, 145.174



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, 100.101, 139.623



88, 112.279, 137.805



89, 67.017, 159.131



52, 8.515, 146.331



68, 94.789, 136.742



22, 41.913, 138.470

Inverse Universe

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



63, 96.781, 330.938



60, 105.423, 331.576



59, 73.652, 359.829



50, 8.531, 327.418



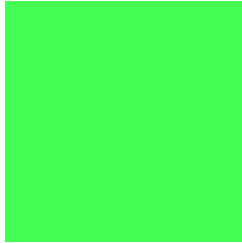
44, 86.902, 332.057



12, 40.311, 331.557

Previews

White Background



This preview shows how the CIELCh color 88, 100.101, 139.622 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, 100.101, 139.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

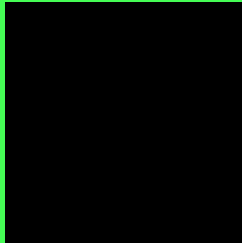
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 100.101, 139.622

Background



This preview shows how black text looks on a background with the CIELCh color 88, 100.101, 139.622.

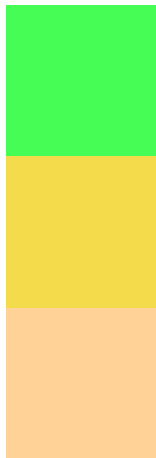


This preview shows how white text looks on a background with the CIELCh color 88, 100.101, 139.622.

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, 100.101, 139.622

Protanopia

87, 70.435, 95.471

Deuteranopia

87, 36.300, 77.811



Tritanopia
88, 33.459, 214.904

Trichromacy



Original Color
88, 100.101, 139.622



Protanomaly
86, 76.117, 119.975

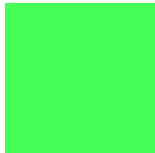


Deuteranomaly
85, 52.660, 123.058

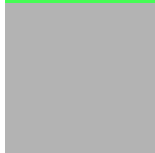


Tritanomaly
87, 50.695, 165.809

Monochromacy



Original Color
88, 100.101, 139.622



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 41.044, 144.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 100.101, 139.622 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(69, 253, 85)` looks like.

```
.text, #text, p{  
    color:rgb(69, 253, 85)  
}
```

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(69, 253, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 253, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 100.101, 139.622 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(69, 253, 85) }
```

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

```
.border{ border-color:rgb(69, 253, 85) }
```

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

Here you see how a box with a 4 pixel rgb(69, 253, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 253, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 253, 85);  
box-shadow:4px 4px 4px 4px rgb(69, 253,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 100.101, 139.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 253, 85) }
```

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

```
.background{ background-color: rgb(69, 253,  
85) }
```

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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