

Converting Colors

CIELCh(88, 91.343, 143.241)

Have a look what the booklet for
CIELCh(88, 91.343, 143.241)
contains.

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Color

CIELCh(88, 91.435, 143.185)

Conversions

Conversions Part 1

Format	Color
Hex	46FC6D
RGB	70, 252, 109
RGB Percent	27%, 99%, 43%
CMY	0.7252, 0.0115, 0.5723
CMYK	0.72, 0.00, 0.57, 0.01
HSL	133°, 97%, 63%
HSV	133°, 72%, 99%
XYZ	40.1221, 72.0653, 26.2774
YIQ	181.2800, -62.5690, -83.0570

Conversions

Conversions Part 2

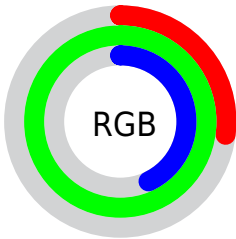
Format	Color
RYB	70, 220, 252
Decimal	4652141
CIELab	88.00, -73.20, 54.79
CIELCh	88, 91.435, 143.185
Yxy	72.0653, 0.2898, 0.5205
Android (android.graphics.Color)	4282842221 (0xFF46FC6D)
YUV	181.2800, -35.6340, -97.5926
Hunter-Lab	84.8913, -64.1953, 41.0712

Details

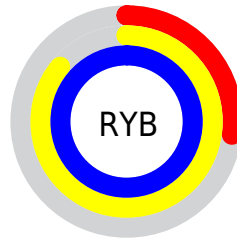
The CIELCh color **88, 91.435, 143.185** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **62, 88.165, 336.296**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 61.263, 146.695**, and **69, 87.454, 140.586** is the 20% darker color. If you saturate the color by 10%, you get **87, 100.296, 141.501**, and if you desaturate by 10%, it is **89, 81.063, 144.754**.

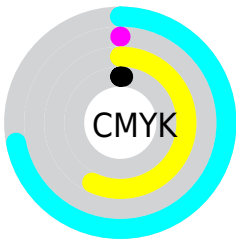
Distribution



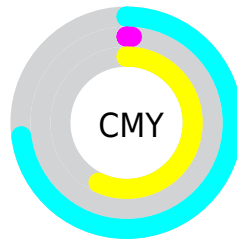
- Red (27%)
- Green (99%)
- Blue (43%)



- Red (27%)
- Yellow (86%)
- Blue (99%)



- Cyan (72%)
- Magenta (0%)
- Yellow (57%)
- Black (1%)





- Cyan (73%)
- Magenta (1%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 91.435, 143.185 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, 91.435, 143.185 by changing the saturation by 10% instead.


 88, 91.435,
143.185


 88, 91.435,
143.185


 100, 91.435,
143.185


 78, 91.435,
143.185

 68, 91.435,
143.185

 58, 91.435,
143.185

 48, 91.435,
143.185

 38, 91.435,
143.185


 28, 91.435,
143.185


 18, 91.435,


143.185


 8, 91.435, 143.185


 0, 91.435, 143.185


 88, 91.435,
143.185


 88, 91.435,
143.185

 87, 100.296,
141.501


 89, 81.063,
144.754

 87, 107.416,
139.787

 90, 69.456,
146.165


 87, 111.719,
138.544

 91, 56.916,
147.406

 93, 43.744,
148.484

 94, 30.211,

149.415

 96, 16.553,
150.224

 98, 2.954, 151.015

 99, 1.834, 324.337

Harmonies

Complementary

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



88, 91.435, 143.185



62, 88.165, 336.296

Rectangle

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



88, 91.435, 143.185



88, 91.435, 193.185



88, 91.435, 323.185



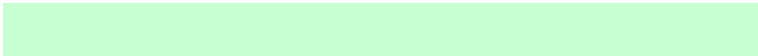
88, 91.435, 13.185

Sweetspot

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



88, 91.435, 143.185



95, 30.227, 149.431



94, 85.141, 113.815



50, 20.311, 149.192



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, 91.435, 143.185



88, 104.901, 140.665



89, 59.055, 167.031



51, 7.650, 150.426



67, 89.232, 138.847



22, 37.931, 141.523

Inverse Universe

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



62, 88.165, 336.296



59, 96.290, 337.755



59, 72.125, 8.953



49, 7.676, 331.602



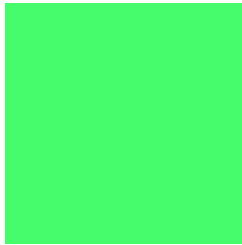
43, 78.078, 339.051



11, 36.041, 337.402

Previews

White Background



This preview shows how the CIELCh color 88, 91.435, 143.185 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, 91.435, 143.185 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, 91.435, 143.185

Background



This preview shows how black text looks on a background with the CIELCh color 88, 91.435, 143.185.

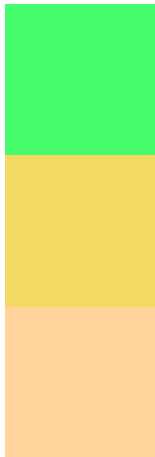


This preview shows how white text looks on a background with the CIELCh color 88, 91.435, 143.185.

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, 91.435, 143.185

Protanopia
87, 60.958, 95.430

Deuteranopia
87, 34.479, 76.423



Tritanopia
88, 33.459, 214.904

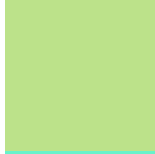
Trichromacy



Original Color
88, 91.435, 143.185



Protanomaly
86, 66.724, 122.767



Deuteranomaly
85, 47.449, 124.735

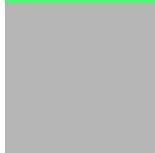


Tritanomaly
87, 47.816, 170.330

Monochromacy



Original Color
88, 91.435, 143.185



Achromatopsia
74, 0.009, 296.813



Achromatomaly
78, 36.987, 148.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 91.435, 143.185 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(70, 252, 109)` looks like.

```
.text, #text, p{  
    color:rgb(70, 252, 109)  
}
```

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(70, 252, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 252, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 91.435, 143.185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

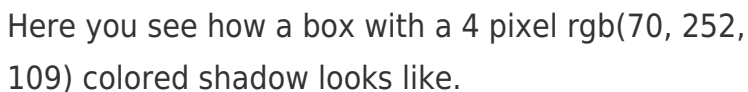
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(70, 252, 109) }
```

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

```
.border{ border-color:rgb(70, 252, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(70, 252, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 252, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 252, 109);  
box-shadow:4px 4px 4px 4px rgb(70, 252,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 91.435, 143.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 252, 109) }
```

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

```
.background{ background-color: rgb(70, 252,  
109) }
```

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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