

Converting Colors

CIELCh(84, 101.158, 138.031)

Have a look what the booklet for
CIELCh(84, 101.158, 138.031)
contains.

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Color

CIELCh(84, 101.250, 138.095)

Conversions

Conversions Part 1

Format	Color
Hex	3CF142
RGB	60, 241, 66
RGB Percent	24%, 95%, 26%
CMY	0.7630, 0.0563, 0.7426
CMYK	0.75, 0.00, 0.73, 0.06
HSL	122°, 86%, 59%
HSV	122°, 75%, 94%
XYZ	34.2139, 64.0658, 15.6610
YIQ	166.9310, -51.7010, -92.7970

Conversions

Conversions Part 2

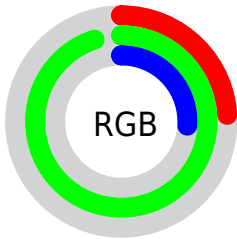
Format	Color
R _{YB}	60, 235, 241
Decimal	3993922
CIE Lab	84.00, -75.36, 67.62
CIE LCh	84, 101.250, 138.095
Yxy	64.0658, 0.3003, 0.5623
Android (android.graphics.Color)	4282184002 (0xFF3CF142)
YUV	166.9310, -49.7590, -93.7785
Hunter-Lab	80.0411, -63.7714, 44.4280

Details

The CIELCh color **84, 101.250, 138.095** 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 **60, 98.454, 328.888**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 78.368, 138.617**, and **65, 93.360, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **84, 108.577, 137.083**, and if you desaturate by 10%, it is **85, 91.380, 139.271**.

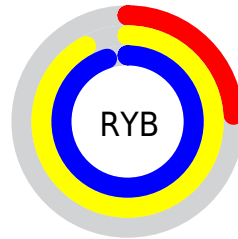
Distribution



Red (24%)

Green (95%)

Blue (26%)



Red (24%)

Yellow (92%)

Blue (95%)

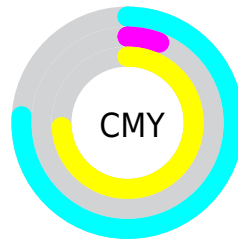


Cyan (75%)

Magenta (0%)

Yellow (73%)

Black (6%)



Cyan (76%)


Magenta (6%)


Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 101.250, 138.095 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 84, 101.250, 138.095 by changing the saturation by 10% instead.


 84, 101.250,
138.095


 84, 101.250,
138.095


 100, 101.250,
138.095


 74, 101.250,
138.095


 64, 101.250,
138.095

 54, 101.250,
138.095

 44, 101.250,
138.095

 34, 101.250,
138.095

 24, 101.250,
138.095

 14, 101.250,

138.095

■ 4, 101.250,
138.095

■ 0, 101.250,
138.095

■ 84, 101.250,
138.095

■ 84, 101.250,
138.095

■ 84, 108.577,
137.083

■ 85, 91.380,
139.271

■ 83, 112.975,
136.374

■ 86, 79.525,
140.473

■ 83, 114.170,
136.184

■ 87, 66.237,
141.610

■ 88, 52.001,
142.633

■ 90, 37.221,
143.528

■ 92, 22.219,
144.300

■ 94, 7.242, 144.980

■ 96, 7.530, 325.450

■ 96, 8.943, 324.718

Harmonies

Complementary

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



84, 101.250, 138.095



60, 98.454, 328.888

Rectangle

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



84, 101.250, 138.095



84, 101.250, 188.095



84, 101.250, 318.095



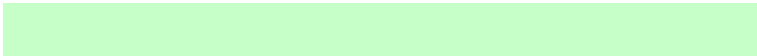
84, 101.250, 8.095

Sweetspot

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



84, 101.250, 138.096



95, 34.484, 143.758



92, 82.655, 104.487



50, 23.172, 143.537



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 101.250, 138.096



88, 116.312, 136.656



85, 70.220, 155.033



49, 8.428, 144.674



65, 93.051, 136.252



19, 39.108, 138.310

Inverse Universe

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



60, 98.454, 328.888



61, 111.042, 329.269



56, 73.499, 355.267



47, 8.441, 325.727



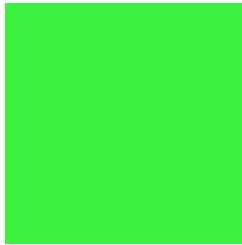
43, 88.279, 329.413



10, 38.659, 329.244

Previews

White Background



This preview shows how the CIELCh color 84, 101.250, 138.095 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 84, 101.250, 138.095 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 84, 101.250, 138.095

Background



This preview shows how black text looks on a background with the CIELCh color 84, 101.250, 138.095.

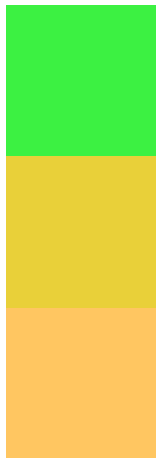


This preview shows how white text looks on a background with the CIELCh color 84, 101.250,

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

84, 101.340, 138.157

Protanopia

83, 73.076, 95.200

Deuteranopia

83, 58.105, 80.298



Tritanopia
84, 32.861, 214.389

Trichromacy



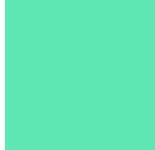
Original Color
84, 101.340, 138.157



Protanomaly
82, 78.592, 118.963

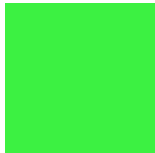


Deuteranomaly
81, 64.801, 115.735

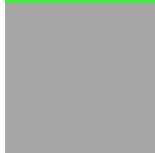


Tritanomaly
83, 51.389, 163.797

Monochromacy



Original Color
84, 101.340, 138.157



Achromatopsia
68, 0.008, 296.813



Achromatomaly
73, 42.562, 142.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 101.250, 138.095 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(60, 241, 66)` looks like.

```
.text, #text, p{  
    color:rgb(60, 241, 66)  
}
```

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(60, 241, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 241, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 101.250, 138.095 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(60, 241, 66) }
```

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

```
.border{ border-color:rgb(60, 241, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 241, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 241, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 241, 66);  
box-shadow:4px 4px 4px 4px rgb(60, 241,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 101.250, 138.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 241, 66) }
```

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

```
.background{ background-color: rgb(60, 241,  
66) }
```

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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