

Converting Colors

CIELCh(84, 94.880, 141.223)

Have a look what the booklet for
CIELCh(84, 94.880, 141.223)
contains.

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Color

CIELCh(84, 94.795, 141.166)

Conversions

Conversions Part 1

Format	Color
Hex	39F057
RGB	57, 240, 87
RGB Percent	22%, 94%, 34%
CMY	0.7783, 0.0575, 0.6576
CMYK	0.76, 0.00, 0.64, 0.06
HSL	130°, 86%, 58%
HSV	130°, 76%, 94%
XYZ	34.6525, 64.0658, 19.6233
YIQ	167.8410, -59.9550, -86.3790

Conversions

Conversions Part 2

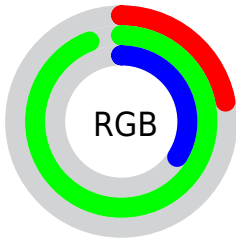
Format	Color
R _{YB}	57, 214, 240
Decimal	3797079
CIE Lab	84.00, -73.84, 59.44
CIE LCh	84, 94.795, 141.166
Yxy	64.0658, 0.2928, 0.5414
Android (android.graphics.Color)	4281987159 (0xFF39F057)
YUV	167.8410, -39.8546, -97.2076
Hunter-Lab	80.0411, -62.7931, 41.4929

Details

The CIELCh color **84, 94.795, 141.166** 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 **58, 90.414, 334.467**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 71.659, 142.629**, and **65, 89.466, 137.609** is the 20% darker color. If you saturate the color by 10%, you get **84, 102.608, 139.599**, and if you desaturate by 10%, it is **85, 85.230, 142.700**.

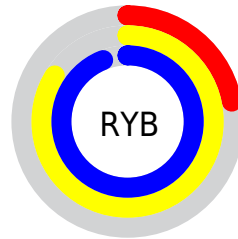
Distribution



Red (22%)

Green (94%)

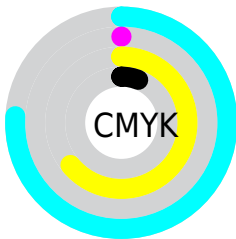
Blue (34%)



Red (22%)

Yellow (84%)

Blue (94%)

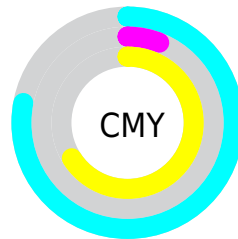


Cyan (76%)

Magenta (0%)

Yellow (64%)

Black (6%)



Cyan (78%)


Magenta (6%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 94.795, 141.166 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, 94.795, 141.166 by changing the saturation by 10% instead.

 84, 94.795,
141.166

 84, 94.795,
141.166


 100, 94.795,
141.166

 74, 94.795,
141.166

 64, 94.795,
141.166

 54, 94.795,
141.166

 44, 94.795,
141.166

 34, 94.795,
141.166

 24, 94.795,
141.166

 14, 94.795,

141.166

■ 4, 94.795, 141.166

■ 0, 94.795, 141.166

■ 84, 94.795,
141.166

■ 84, 94.795,
141.166

■ 84, 102.608,
139.599

■ 85, 85.230,
142.700

■ 83, 108.412,
138.120

■ 86, 74.225,
144.123


■ 83, 110.006,
137.681

■ 87, 62.116,
145.397

■ 88, 49.231,
146.514

■ 90, 35.870,

147.481

 91, 22.293,
148.316

 93, 8.709, 149.050

 96, 4.722, 329.548

 96, 9.140, 324.726

Harmonies

Complementary

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



84, 94.795, 141.166



58, 90.414, 334.467

Rectangle

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



84, 94.795, 141.166



84, 94.795, 191.166



84, 94.795, 321.166



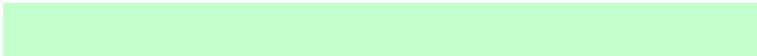
84, 94.795, 11.166

Sweetspot

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



84, 94.795, 141.166



95, 32.701, 147.779



90, 84.742, 112.155



50, 22.631, 147.461



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, 94.795, 141.166



88, 111.113, 138.717



85, 61.132, 163.872



49, 7.646, 148.836



65, 89.360, 137.930



19, 36.415, 140.984

Inverse Universe

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



58, 90.414, 334.467



59, 100.614, 335.716



55, 72.357, 7.726



47, 7.667, 329.967



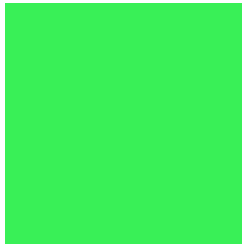
42, 79.246, 336.233



9, 35.216, 334.942

Previews

White Background



This preview shows how the CIE LCh color 84, 94.795, 141.166 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, 94.795, 141.166 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, 94.795, 141.166

Background



This preview shows how black text looks on a background with the CIELCh color 84, 94.795, 141.166.

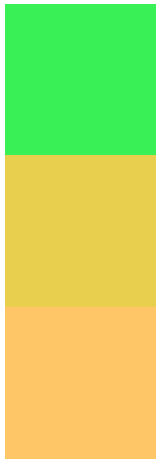


This preview shows how white text looks on a background with the CIELCh color 84, 94.795, 141.166.

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, 94.707, 141.107

Protanopia
83, 65.334, 95.316

Deuteranopia
83, 55.498, 79.418



Tritanopia
84, 33.625, 213.948

Trichromacy



Original Color
84, 94.707, 141.107



Protanomaly
82, 71.464, 121.606



Deuteranomaly
81, 59.727, 117.024



Tritanomaly
83, 49.714, 167.548

Monochromacy



Original Color
84, 94.707, 141.107



Achromatopsia
69, 0.009, 296.813



Achromatomaly
73, 38.897, 147.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 94.795, 141.166 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(57, 240, 87)` looks like.

```
.text, #text, p{  
    color:rgb(57, 240, 87)  
}
```

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(57, 240, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 240, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 94.795, 141.166 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(57, 240, 87) }
```

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

```
.border{ border-color:rgb(57, 240, 87) }
```

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

Here you see how a box with a 4 pixel rgb(57, 240, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 240, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 240, 87);  
box-shadow:4px 4px 4px 4px rgb(57, 240,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 94.795, 141.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 240, 87) }
```

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

```
.background{ background-color: rgb(57, 240,  
87) }
```

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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