

Converting Colors

CIELCh(84, 94.488, 139.501)

Have a look what the booklet for
CIELCh(84, 94.488, 139.501)
contains.

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Color

CIELCh(84, 94.544, 139.496)

Conversions

Conversions Part 1

Format	Color
Hex	47F053
RGB	71, 240, 83
RGB Percent	28%, 94%, 33%
CMY	0.7197, 0.0603, 0.6760
CMYK	0.70, 0.00, 0.66, 0.06
HSL	124°, 85%, 61%
HSV	124°, 70%, 94%
XYZ	35.2245, 64.0658, 18.6177
YIQ	171.5710, -50.3270, -84.6550

Conversions

Conversions Part 2

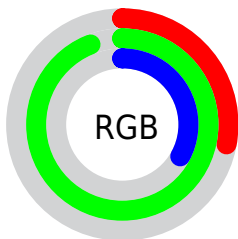
Format	Color
RYB	71, 229, 240
Decimal	4714579
CIELab	84.00, -71.89, 61.41
CIELCh	84, 94.544, 139.496
Yxy	64.0658, 0.2987, 0.5434
Android (android.graphics.Color)	4282904659 (0xFF47F053)
YUV	171.5710, -43.6655, -88.2008
Hunter-Lab	80.0411, -61.5176, 42.2378

Details

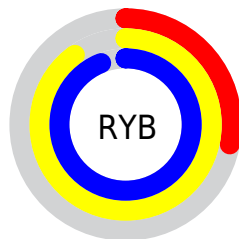
The CIELCh color **84, 94.544, 139.496** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **60, 92.018, 330.038**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 71.660, 140.220**, and **65, 90.843, 136.975** is the 20% darker color. If you saturate the color by 10%, you get **83, 103.310, 138.243**, and if you desaturate by 10%, it is **85, 83.735, 140.786**.

Distribution



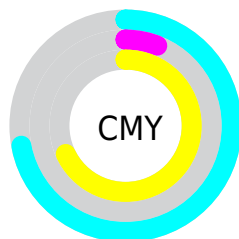
- Red (28%)
- Green (94%)
- Blue (33%)



- Red (28%)
- Yellow (90%)
- Blue (94%)



- Cyan (70%)
- Magenta (0%)
- Yellow (66%)
- Black (6%)



- Cyan (72%)
- Magenta (6%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 94.544, 139.496 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, 94.544, 139.496 by changing the saturation by 10% instead.

 84, 94.544,
139.496

 84, 94.544,
139.496

 100, 94.544,
139.496

 74, 94.544,
139.496

 64, 94.544,
139.496

 54, 94.544,
139.496

 44, 94.544,
139.496

 34, 94.544,
139.496

 24, 94.544,
139.496

 14, 94.544,

139.496

■ 4, 94.544, 139.496

■ 0, 94.544, 139.496

■ 84, 94.544,
139.496

■ 84, 94.544,
139.496

■ 83, 103.310,
138.243

■ 85, 83.735,
140.786

■ 83, 109.578,
137.159

■ 86, 71.376,
142.013


■ 83, 113.123,
136.429

■ 87, 57.925,
143.125

■ 89, 43.785,
144.103

■ 90, 29.291,

144.948

 92, 14.709,
145.678

 95, 0.242, 147.565

 96, 9.593, 324.743

Harmonies

Complementary

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



84, 94.544, 139.496



60, 92.018, 330.038

Rectangle

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



84, 94.544, 139.496



84, 94.544, 189.496



84, 94.544, 319.496



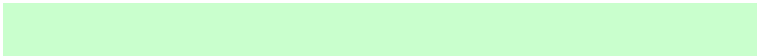
84, 94.544, 9.496

Sweetspot

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



84, 94.544, 139.497



95, 32.071, 144.877



91, 78.873, 106.443



50, 21.712, 144.653



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, 94.544, 139.497



88, 111.331, 137.769



85, 64.564, 157.733



49, 8.212, 145.725



65, 92.355, 136.561



19, 38.369, 138.995

Inverse Universe

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



60, 92.018, 330.038



61, 105.819, 330.590



57, 69.503, 356.496



47, 8.227, 326.794



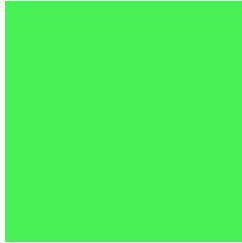
43, 85.715, 331.063



10, 37.690, 330.645

Previews

White Background



This preview shows how the CIE LCh color 84, 94.544, 139.496 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, 94.544, 139.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

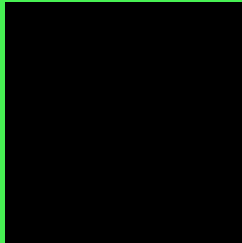
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

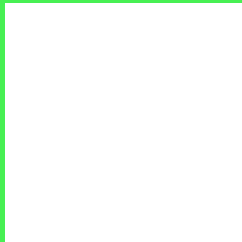
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 94.544, 139.496

Background



This preview shows how black text looks on a background with the CIELCh color 84, 94.544, 139.496.

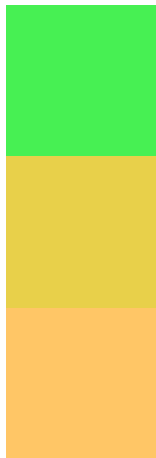


This preview shows how white text looks on a background with the CIELCh color 84, 94.544, 139.496.

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, 94.652, 139.574

Protanopia

83, 66.911, 95.376

Deuteranopia

83, 55.935, 79.573



Tritanopia
84, 31.857, 215.008

Trichromacy



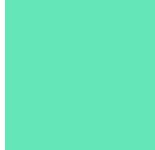
Original Color
84, 94.652, 139.574



Protanomaly
82, 71.767, 119.205



Deuteranomaly
81, 60.176, 114.916



Tritanomaly
83, 48.092, 165.886

Monochromacy



Original Color
84, 94.652, 139.574



Achromatopsia
70, 0.009, 296.813



Achromatomaly
74, 38.375, 144.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 94.544, 139.496 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(71, 240, 83)` looks like.

```
.text, #text, p{  
    color:rgb(71, 240, 83)  
}
```

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(71, 240, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 240, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 94.544, 139.496 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(71, 240, 83) }
```

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

```
.border{ border-color:rgb(71, 240, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 240, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 240, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 240, 83);  
box-shadow:4px 4px 4px 4px rgb(71, 240,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 94.544, 139.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 240, 83) }
```

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

```
.background{ background-color: rgb(71, 240,  
83) }
```

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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