

Converting Colors

CIELCh(84, 96.196, 124.795)

Have a look what the booklet for
CIELCh(84, 96.196, 124.795)
contains.

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Color

CIELCh(84, 96.247, 124.834)

Conversions

Conversions Part 1

Format	Color
Hex	8EE918
RGB	142, 233, 24
RGB Percent	56%, 91%, 9%
CMY	0.4433, 0.0864, 0.9061
CMYK	0.39, 0.00, 0.90, 0.09
HSL	86°, 83%, 50%
HSV	86°, 90%, 91%
XYZ	40.4383, 64.0658, 11.0942
YIQ	181.9650, 12.8530, -84.2910

Conversions

Conversions Part 2

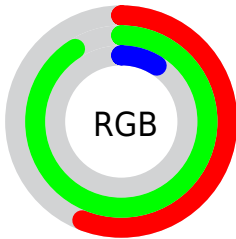
Format	Color
R_{YB}	24, 233, 115
Decimal	9365784
CIE _{Lab}	84.00, -54.98, 79.00
CIE _{LCh}	84, 96.247, 124.834
Yxy	64.0658, 0.3498, 0.5542
Android (android.graphics.Color)	4287555864 (0xFF8EE918)
YUV	181.9650, -77.8767, -35.0493
Hunter-Lab	80.0411, -49.8902, 47.8108

Details

The CIELCh color **84, 96.247, 124.834** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **38, 113.072, 310.884**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 78.798, 119.937**, and **64, 84.027, 129.326** is the 20% darker color. If you saturate the color by 10%, you get **84, 99.866, 125.956**, and if you desaturate by 10%, it is **85, 90.392, 124.168**.

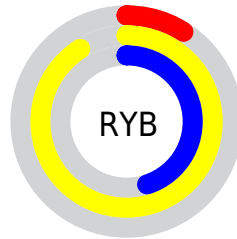
Distribution



Red (56%)

Green (91%)

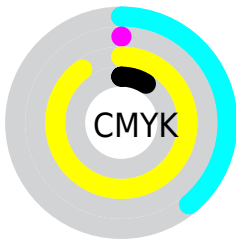
Blue (9%)



Red (9%)

Yellow (91%)

Blue (45%)

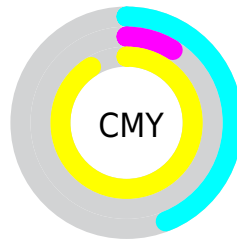


Cyan (39%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (44%)

Magenta (9%)

Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 96.247, 124.834 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, 96.247, 124.834 by changing the saturation by 10% instead.

 84, 96.247,
124.834

 84, 96.247,
124.834


 100, 96.247,
124.834


 74, 96.247,
124.834

 64, 96.247,
124.834

 54, 96.247,
124.834

 44, 96.247,
124.834

 34, 96.247,
124.834

 24, 96.247,
124.834

 14, 96.247,

124.834

■ 4, 96.247, 124.834

■ 0, 96.247, 124.834

■ 84, 96.247,
124.834

■ 84, 96.247,
124.834

■ 84, 99.866,
125.956

■ 85, 90.392,
124.168

■ 84, 99.954,
125.988

■ 85, 82.289,
123.953

■ 86, 72.451,
124.067

■ 87, 61.419,
124.390

■ 88, 49.624,

124.828

■ 89, 37.371,
125.321

■ 90, 24.869,
125.829

■ 91, 12.261,
126.329

■ 92, 0.355, 306.488

Harmonies

Complementary

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



84, 96.247, 124.834



38, 113.072, 310.884

Rectangle

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



84, 96.247, 124.834



84, 96.247, 174.834



84, 96.247, 304.834



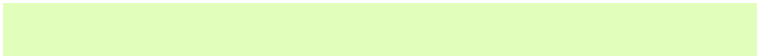
84, 96.247, 354.834

Sweetspot

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



84, 96.247, 124.835



96, 36.562, 125.452



61, 76.311, 57.328



51, 24.602, 125.279



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, 96.247, 124.835



91, 107.105, 126.069



81, 108.495, 135.938



49, 7.201, 126.342



66, 82.566, 125.719



20, 33.085, 124.889

Inverse Universe

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



38, 113.072, 310.884



39, 126.808, 310.313



54, 105.927, 325.730



45, 7.314, 307.229



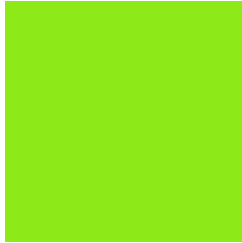
27, 97.811, 310.545



4, 37.342, 309.456

Previews

White Background



This preview shows how the CIELCh color 84, 96.247, 124.834 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, 96.247, 124.834 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, 96.247, 124.834

Background



This preview shows how black text looks on a background with the CIELCh color 84, 96.247, 124.834.

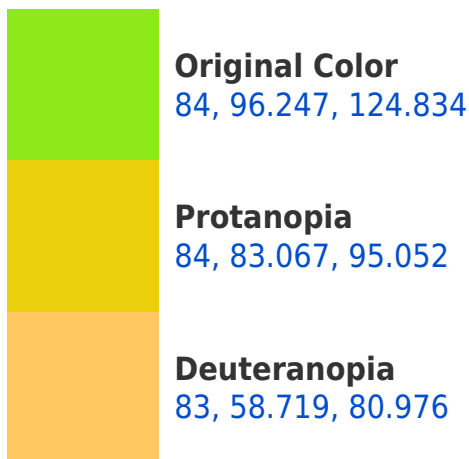



This preview shows how white text looks on a background with the CIELCh color 84, 96.247, 124.834.

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](#).

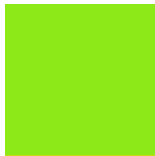
Dichromacy





Tritanopia
84, 18.022, 228.492

Trichromacy



Original Color
84, 96.247, 124.834



Protanomaly
83, 84.912, 107.899



Deuteranomaly
83, 68.671, 103.062

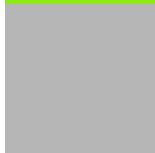


Tritanomaly
83, 41.556, 142.050

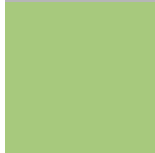
Monochromacy



Original Color
84, 96.247, 124.834



Achromatopsia
74, 0.009, 296.813



Achromatomaly
77, 42.094, 125.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 96.247, 124.834 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(142, 233, 24)` looks like.

```
.text, #text, p{  
    color:rgb(142, 233, 24)  
}
```

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(142, 233, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 233, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 96.247, 124.834 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(142, 233, 24) }
```

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

```
.border{ border-color:rgb(142, 233, 24) }
```

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

Here you see how a box with a 4 pixel rgb(142, 233, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 233, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 233, 24);  
box-shadow:4px 4px 4px 4px rgb(142, 233,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 96.247, 124.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 233, 24) }
```

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

```
.background{ background-color: rgb(142,  
233, 24) }
```

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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