

Converting Colors

CIELCh(83, 95.152, 124.602)

Have a look what the booklet for
CIELCh(83, 95.152, 124.602)
contains.

CIELCh(83, 95.255, 124.647)	3
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Color

CIELCh(83, 95.255, 124.647)

Conversions

Conversions Part 1

Format	Color
Hex	8DE617
RGB	141, 230, 23
RGB Percent	55%, 90%, 9%
CMY	0.4480, 0.0989, 0.9116
CMYK	0.39, 0.00, 0.90, 0.10
HSL	86°, 82%, 49%
HSV	86°, 90%, 90%
XYZ	39.3235, 62.1629, 10.7114
YIQ	179.7910, 13.4030, -83.2450

Conversions

Conversions Part 2

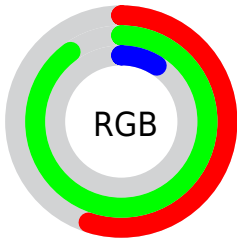
Format	Color
R _Y B	23, 230, 112
Decimal	9299479
CIE Lab	83.00, -54.15, 78.36
CIE LCh	83, 95.255, 124.647
Yxy	62.1629, 0.3505, 0.5540
Android (android.graphics.Color)	4287489559 (0xFF8DE617)
YUV	179.7910, -77.2980, -34.0197
Hunter-Lab	78.8435, -48.9486, 47.1355

Details

The CIELCh color **83, 95.255, 124.647** 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 **37, 112.274, 310.747**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 79.286, 120.103**, and **63, 82.897, 129.241** is the 20% darker color. If you saturate the color by 10%, you get **83, 98.712, 125.750**, and if you desaturate by 10%, it is **84, 89.583, 123.963**.

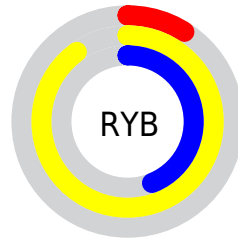
Distribution



Red (55%)

Green (90%)

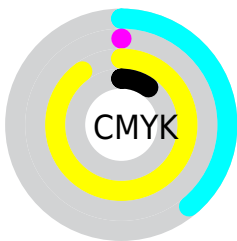
Blue (9%)



Red (9%)

Yellow (90%)

Blue (44%)

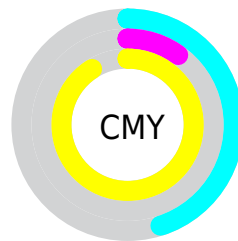


Cyan (39%)

Magenta (0%)

Yellow (90%)

Black (10%)



Cyan (45%)


Magenta (10%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 95.255, 124.647 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 83, 95.255, 124.647 by changing the saturation by 10% instead.


 83, 95.255,
124.647


 83, 95.255,
124.647


 100, 95.255,
124.647


 73, 95.255,
124.647

 63, 95.255,
124.647

 53, 95.255,
124.647

 43, 95.255,
124.647

 33, 95.255,
124.647

 23, 95.255,
124.647

 13, 95.255,

124.647

■ 3, 95.255, 124.647

■ 0, 95.255, 124.647

■ 83, 95.255,
124.647

■ 83, 95.255,
124.647

■ 83, 98.712,
125.750

■ 84, 89.583,
123.963

■ 84, 81.673,
123.732

■ 85, 72.026,
123.836

■ 86, 61.178,
124.152

■ 87, 49.560,

124.588

■ 88, 37.477,
125.080

■ 89, 25.141,
125.589

■ 90, 12.692,
126.093

■ 91, 0.231, 127.014

Harmonies

Complementary

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



83, 95.255, 124.647



37, 112.274, 310.747

Rectangle

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



83, 95.255, 124.647



83, 95.255, 174.647



83, 95.255, 304.647



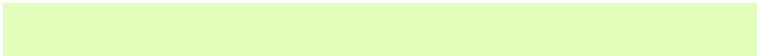
83, 95.255, 354.647

Sweetspot

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



83, 95.255, 124.648



96, 36.513, 125.235



60, 76.326, 55.966



51, 24.568, 125.060



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 95.255, 124.648



91, 106.893, 125.845



80, 107.330, 135.787



48, 7.064, 126.129



66, 81.531, 125.478



18, 31.611, 124.958

Inverse Universe

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



37, 112.274, 310.747



39, 126.964, 310.200



52, 105.055, 325.127



45, 7.175, 307.022



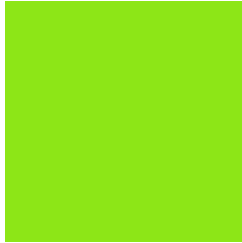
26, 96.893, 310.442



4, 35.195, 308.546

Previews

White Background



This preview shows how the CIELCh color 83, 95.255, 124.647 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 CIE LCh color 83, 95.255, 124.647 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 83, 95.255, 124.647

Background



This preview shows how black text looks on a background with the CIELCh color 83, 95.255, 124.647.



This preview shows how white text looks on a background with the CIELCh color 83, 95.255, 124.647.

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](#).

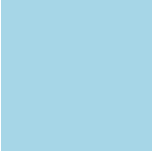
Dichromacy



Original Color
83, 95.255, 124.647

Protanopia
83, 82.451, 94.948

Deuteranopia
83, 66.017, 81.559



Tritanopia
83, 17.788, 229.024

Trichromacy



Original Color
83, 95.255, 124.647



Protanomaly
82, 84.185, 107.650



Deuteranomaly
82, 72.161, 102.056



Tritanomaly
82, 41.452, 141.652

Monochromacy



Original Color
83, 95.255, 124.647



Achromatopsia
73, 0.009, 296.813



Achromatomaly
76, 41.449, 124.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 95.255, 124.647 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(141, 230, 23)` looks like.

```
.text, #text, p{  
    color:rgb(141, 230, 23)  
}
```

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(141, 230, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 230, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 95.255, 124.647 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(141, 230, 23) }
```

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

```
.border{ border-color:rgb(141, 230, 23) }
```

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

Here you see how a box with a 4 pixel rgb(141, 230, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 230, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 230, 23);  
box-shadow:4px 4px 4px 4px rgb(141, 230,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 95.255, 124.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 230, 23) }
```

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

```
.background{ background-color: rgb(141,  
230, 23) }
```

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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