

Converting Colors

CIELCh(90, 100.253, 130.184)

Have a look what the booklet for
CIELCh(90, 100.253, 130.184)
contains.

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Color

CIELCh(90, 100.151, 130.251)

Conversions

Conversions Part 1

Format	Color
Hex	84FE3A
RGB	132, 254, 58
RGB Percent	52%, 100%, 23%
CMY	0.4812, 0.0028, 0.7712
CMYK	0.48, 0.00, 0.77, 0.00
HSL	97°, 99%, 61%
HSV	97°, 77%, 100%
XYZ	45.8672, 76.3034, 16.3580
YIQ	195.1780, -9.7960, -86.8200

Conversions

Conversions Part 2

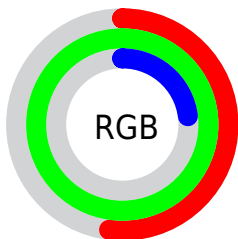
Format	Color
RYB	58, 254, 180
Decimal	8715834
CIELab	90.00, -64.71, 76.44
CIElCh	90, 100.151, 130.251
Yxy	76.3034, 0.3311, 0.5508
Android (android.graphics.Color)	4286905914 (0xFF84FE3A)
YUV	195.1780, -67.6288, -55.4071
Hunter-Lab	87.3518, -59.1378, 50.0433

Details

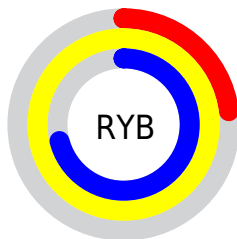
The CIELCh color **90, 100.151, 130.251** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **52, 107.482, 315.931**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 70.696, 124.741**, and **70, 93.894, 132.487** is the 20% darker color. If you saturate the color by 10%, you get **89, 107.571, 130.648**, and if you desaturate by 10%, it is **91, 90.334, 130.262**.

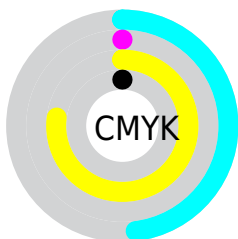
Distribution



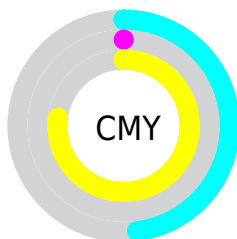
- Red (52%)
- Green (100%)
- Blue (23%)



- Red (23%)
- Yellow (100%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 100.151, 130.251 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 90, 100.151, 130.251 by changing the saturation by 10% instead.


 90, 100.151,
130.251


 90, 100.151,
130.251


 100, 100.151,
130.251


 80, 100.151,
130.251

 70, 100.151,
130.251

 60, 100.151,
130.251

 50, 100.151,
130.251

 40, 100.151,
130.251

 30, 100.151,
130.251

 20, 100.151,

130.251

■ 10, 100.151,
130.251

■ 0, 100.151,
130.251

■ 90, 100.151,
130.251

■ 90, 100.151,
130.251

■ 89, 107.571,
130.648

■ 91, 90.334,
130.262

■ 89, 112.264,
131.520

■ 92, 78.728,
130.544

■ 89, 113.312,
131.809

■ 93, 65.918,
130.978

■ 94, 52.358,
131.478

■ 95, 38.372,
131.991

■ 97, 24.191,
132.486

■ 99, 9.977, 132.954

100, 0.450,
323.770

Harmonies

Complementary

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



90, 100.151, 130.251



52, 107.482, 315.931

Rectangle

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



90, 100.151, 130.251



90, 100.151, 180.251



90, 100.151, 310.251



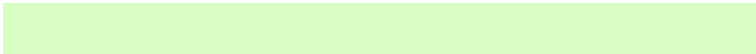
90, 100.151, 0.251

Sweetspot

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



90, 100.151, 130.252



96, 32.705, 132.195



78, 70.592, 75.772



51, 22.629, 132.013



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 100.151, 130.252



89, 110.465, 131.023



88, 102.806, 139.735



52, 8.065, 132.841



69, 91.197, 131.558



23, 40.500, 130.222

Inverse Universe

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



52, 107.482, 315.931



47, 118.746, 315.407



62, 98.233, 332.320



49, 8.149, 313.618



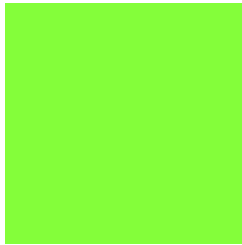
33, 97.942, 315.013



7, 44.567, 316.305

Previews

White Background



This preview shows how the CIE LCh color 90, 100.151, 130.251 looks on a white background.

Color Contrast Check

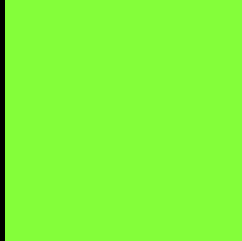
Large Text (above 18pt) WCAG AA × Fail

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 90, 100.151, 130.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

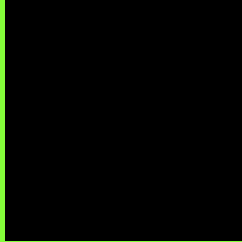
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 100.151, 130.251

Background



This preview shows how black text looks on a background with the CIELCh color 90, 100.151, 130.251.

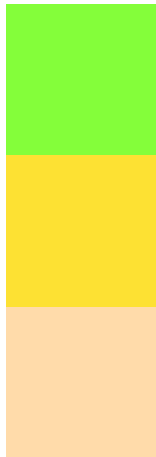


This preview shows how white text looks on a background with the CIELCh color 90, 100.151, 130.251.

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

90, 100.151, 130.251

Protanopia

89, 81.002, 94.933

Deuteranopia

89, 29.301, 78.803



Tritanopia
90, 23.417, 221.876

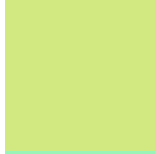
Trichromacy



Original Color
90, 100.151, 130.251



Protanomaly
89, 83.751, 111.234

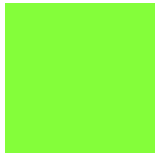


Deuteranomaly
88, 52.646, 115.577

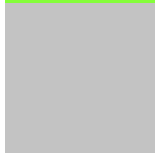


Tritanomaly
89, 44.251, 152.144

Monochromacy



Original Color
90, 100.151, 130.251



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 41.334, 131.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 100.151, 130.251 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(132, 254, 58)` looks like.

```
.text, #text, p{  
    color:rgb(132, 254, 58)  
}
```

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(132, 254, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 254, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 100.151, 130.251 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(132, 254, 58) }
```

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

```
.border{ border-color:rgb(132, 254, 58) }
```

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

Here you see how a box with a 4 pixel rgb(132, 254, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 254, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 254, 58);  
box-shadow:4px 4px 4px 4px rgb(132, 254,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 100.151, 130.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 254, 58) }
```

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

```
.background{ background-color: rgb(132,  
254, 58) }
```

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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