

Converting Colors

CIELCh(90, 82.818, 133.556)

Have a look what the booklet for
CIELCh(90, 82.818, 133.556)
contains.

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Color

CIELCh(90, 82.912, 133.701)

Conversions

Conversions Part 1

Format	Color
Hex	8FFC68
RGB	143, 252, 104
RGB Percent	56%, 99%, 41%
CMY	0.4401, 0.0126, 0.5929
CMYK	0.43, 0.00, 0.59, 0.01
HSL	104°, 96%, 70%
HSV	104°, 59%, 99%
XYZ	48.5230, 76.3034, 25.2142
YIQ	202.5370, -17.4560, -69.1360

Conversions

Conversions Part 2

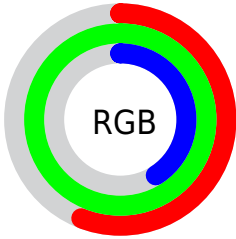
Format	Color
RYB	104, 252, 213
Decimal	9436264
CIELab	90.00, -57.28, 59.94
CIELCh	90, 82.912, 133.701
Yxy	76.3034, 0.3234, 0.5086
Android (android.graphics.Color)	4287626344 (0xFF8FFC68)
YUV	202.5370, -48.5787, -52.2139
Hunter-Lab	87.3518, -53.7108, 44.0321

Details

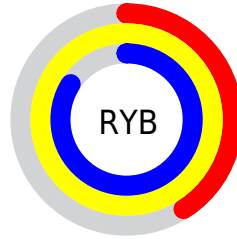
The CIELCh color **90, 82.912, 133.701** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **63, 85.656, 319.220**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 52.237, 129.107**, and **70, 83.032, 133.698** is the 20% darker color. If you saturate the color by 10%, you get **89, 94.461, 133.272**, and if you desaturate by 10%, it is **91, 69.983, 134.262**.

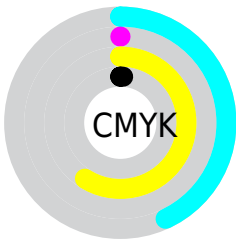
Distribution



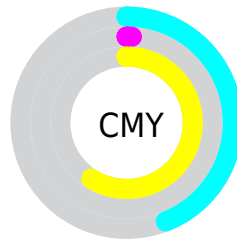
- Red (56%)
- Green (99%)
- Blue (41%)



- Red (41%)
- Yellow (99%)
- Blue (84%)



- Cyan (43%)
- Magenta (0%)
- Yellow (59%)
- Black (1%)





- Cyan (44%)
- Magenta (1%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 82.912, 133.701 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, 82.912, 133.701 by changing the saturation by 10% instead.


 90, 82.912,
133.701


 90, 82.912,
133.701


 100, 82.912,
133.701


 80, 82.912,
133.701

 70, 82.912,
133.701

 60, 82.912,
133.701


 50, 82.912,
133.701

 40, 82.912,
133.701


 30, 82.912,
133.701


 20, 82.912,

133.701


 10, 82.912,
133.701


 0, 82.912, 133.701


 90, 82.912,
133.701


 90, 82.912,
133.701

 89, 94.461,
133.272


 91, 69.983,
134.262

 88, 104.006,
133.097

 92, 56.173,
134.864

 88, 110.943,
133.304

 94, 41.857,
135.455

 87, 115.086,
133.918

 95, 27.305,
136.006

■ 87, 115.489,
133.992

■ 97, 12.714,
136.511

■ 99, 1.779, 316.803

■ 99, 2.000, 324.357

Harmonies

Complementary

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



90, 82.912, 133.701



63, 85.656, 319.220

Rectangle

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



90, 82.912, 133.701



90, 82.912, 183.701



90, 82.912, 313.701



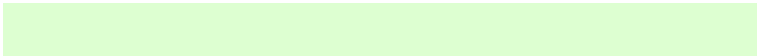
90, 82.912, 3.701

Sweetspot

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



90, 82.913, 133.702



97, 26.446, 136.046



86, 57.807, 88.461



51, 18.386, 135.892



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, 82.913, 133.702



90, 97.764, 133.205



89, 76.056, 145.890



51, 8.190, 136.476



67, 92.747, 133.792



22, 40.329, 132.996

Inverse Universe

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



63, 85.656, 319.220



57, 101.067, 319.382



66, 75.365, 335.997



49, 8.249, 317.269



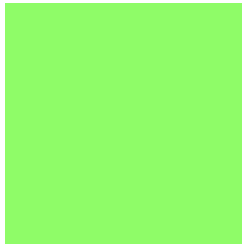
36, 94.874, 318.532



8, 42.689, 319.647

Previews

White Background



This preview shows how the CIE LCh color 90, 82.912, 133.701 looks on a white background.

Color Contrast Check

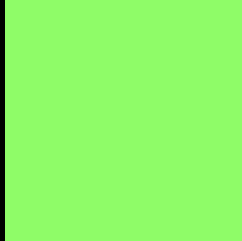
Large Text (above 18pt) WCAG AA × Fail

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, 82.912, 133.701 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

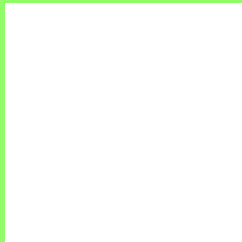
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 82.912, 133.701

Background



This preview shows how black text looks on a background with the CIELCh color 90, 82.912, 133.701.



This preview shows how white text looks on a background with the CIELCh color 90, 82.912, 133.701.

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



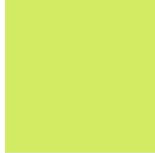


Tritanopia
90, 22.578, 224.367

Trichromacy



Original Color
90, 82.912, 133.701



Protanomaly
89, 67.323, 113.173



Deuteranomaly
89, 42.808, 115.734

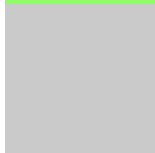


Tritanomaly
89, 35.953, 159.770

Monochromacy



Original Color
90, 82.912, 133.701



Achromatopsia
81, 0.010, 296.813



Achromatomaly
84, 32.056, 135.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 82.912, 133.701 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(143, 252, 104)` looks like.

```
.text, #text, p{  
    color:rgb(143, 252, 104)  
}
```

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(143, 252, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 252, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 82.912, 133.701 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(143, 252, 104) }
```

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

```
.border{ border-color:rgb(143, 252, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 252, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 252, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 252, 104);  
box-shadow:4px 4px 4px 4px rgb(143, 252,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 82.912, 133.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 252, 104) }
```

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

```
.background{ background-color: rgb(143,  
252, 104) }
```

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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