

Converting Colors

CIELCh(93, 81.028, 132.055)

Have a look what the booklet for
CIELCh(93, 81.028, 132.055)
contains.

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Color

CIELCh(92, 78.658, 131.832)

Conversions

Conversions Part 1

Format	Color
Hex	A1FF71
RGB	161, 255, 113
RGB Percent	63%, 100%, 44%
CMY	0.3698, 0.0000, 0.5582
CMYK	0.37, 0.00, 0.56, 0.00
HSL	100°, 100%, 72%
HSV	100°, 56%, 100%
XYZ	53.5866, 80.7044, 28.2753
YIQ	210.7060, -10.4420, -64.0900

Conversions

Conversions Part 2

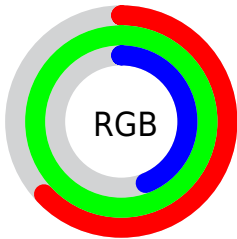
Format	Color
RYB	113, 255, 207
Decimal	10616689
CIELab	92.00, -52.46, 58.61
CIElCh	92, 78.658, 131.832
Yxy	80.7044, 0.3296, 0.4964
Android (android.graphics.Color)	4288806769 (0xFFA1FF71)
YUV	210.7060, -48.1691, -43.5922
Hunter-Lab	89.8356, -50.7378, 44.2237

Details

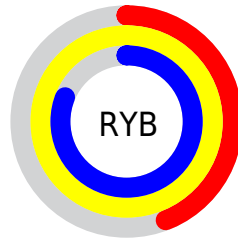
The CIELCh color **92, 78.658, 131.832** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **64, 82.088, 316.855**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 45.692, 123.841**, and **72, 78.372, 131.783** is the 20% darker color. If you saturate the color by 10%, you get **91, 90.224, 131.431**, and if you desaturate by 10%, it is **93, 65.182, 132.275**.

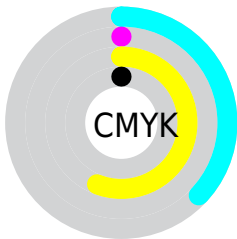
Distribution



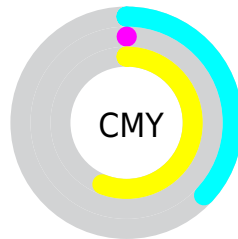
- Red (63%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 78.658, 131.832 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 92, 78.658, 131.832 by changing the saturation by 10% instead.


 92, 78.658,
131.832


 92, 78.658,
131.832


 100, 78.658,
131.832


 82, 78.658,
131.832

 72, 78.658,
131.832

 62, 78.658,
131.832

 52, 78.658,
131.832

 42, 78.658,
131.832

 32, 78.658,
131.832

 22, 78.658,

131.832

■ 12, 78.658,
131.832

■ 2, 78.658, 131.832

■ 92, 78.658,
131.832

■ 92, 78.658,
131.832

■ 91, 90.224,
131.431

■ 93, 65.182,
132.275

■ 90, 100.411,
131.317

■ 94, 51.355,
132.808

■ 89, 108.221,
131.580

■ 96, 37.129,
133.339

■ 89, 113.251,
132.307

■ 97, 22.732,
133.842

■ 89, 114.730,
132.683

■ 99, 8.327, 134.315
100, 0.012,
296.813

Harmonies

Complementary

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



92, 78.658, 131.832



64, 82.088, 316.855

Rectangle

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



92, 78.658, 131.832



92, 78.658, 181.832



92, 78.658, 311.832



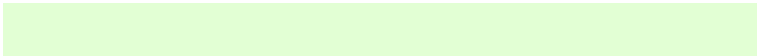
92, 78.658, 1.832

Sweetspot

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



92, 78.287, 131.789



97, 24.436, 133.784



85, 52.625, 82.160



51, 16.350, 133.685



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 78.287, 131.789



91, 91.531, 131.402



90, 78.005, 143.660



52, 8.153, 134.142



68, 92.148, 132.448



23, 40.933, 131.224

Inverse Universe

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



64, 82.088, 316.855



58, 96.570, 317.095



69, 77.188, 332.353



49, 8.228, 314.918



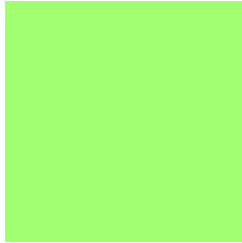
35, 97.158, 316.182



8, 44.346, 317.435

Previews

White Background



This preview shows how the CIELCh color 92, 78.658, 131.832 looks on a white background.

Color Contrast Check

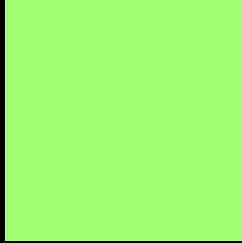
Large Text (above 18pt) WCAG AA × Fail

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 92, 78.658, 131.832 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

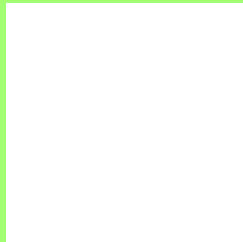
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 78.658, 131.832

Background



This preview shows how black text looks on a background with the CIELCh color 92, 78.658, 131.832.

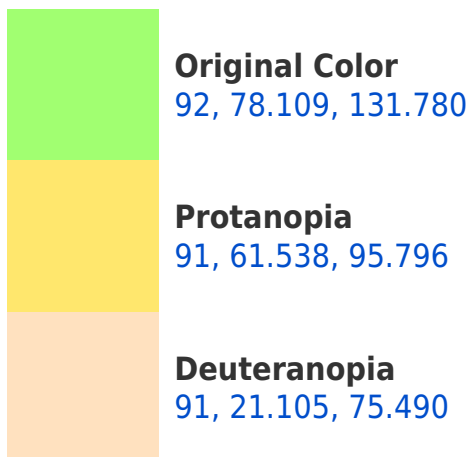



This preview shows how white text looks on a background with the CIELCh color 92, 78.658, 131.832.

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



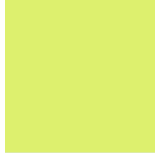


Tritanopia
91, 17.080, 229.800

Trichromacy



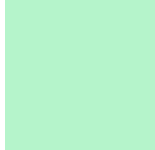
Original Color
92, 78.109, 131.780



Protanomaly
91, 64.389, 111.970

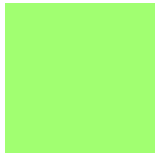


Deuteranomaly
91, 37.652, 116.093

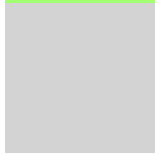


Tritanomaly
91, 30.907, 154.229

Monochromacy



Original Color
92, 78.109, 131.780



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 29.906, 133.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 78.658, 131.832 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(161, 255, 113)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 113)  
}
```

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(161, 255, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 78.658, 131.832 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(161, 255, 113) }
```

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

```
.border{ border-color:rgb(161, 255, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 255, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 113);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 78.658, 131.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 113) }
```

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

```
.background{ background-color: rgb(161,  
255, 113) }
```

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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