

Converting Colors

CIELCh(92, 80.699, 127.637)

Have a look what the booklet for
CIELCh(92, 80.699, 127.637)
contains.

CIELCh(92, 80.443, 127.655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 80.443, 127.655)

Conversions

Conversions Part 1

Format	Color
Hex	ACFE65
RGB	172, 254, 101
RGB Percent	67%, 100%, 40%
CMY	0.3249, 0.0033, 0.6034
CMYK	0.32, 0.00, 0.60, 0.00
HSL	92°, 99%, 70%
HSV	92°, 60%, 100%
XYZ	54.8883, 80.7044, 25.0317
YIQ	212.0400, 0.2410, -64.9670

Conversions

Conversions Part 2

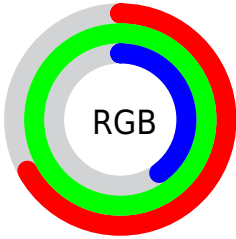
Format	Color
RYB	101, 254, 183
Decimal	11337317
CIELab	92.00, -49.14, 63.69
CIElCh	92, 80.443, 127.655
Yxy	80.7044, 0.3417, 0.5024
Android (android.graphics.Color)	4289527397 (0xFFACFE65)
YUV	212.0400, -54.7427, -35.1151
Hunter-Lab	89.8356, -48.1514, 46.3645

Details

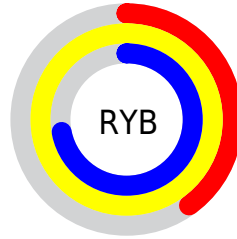
The CIELCh color **92, 80.443, 127.655** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **59, 87.358, 313.172**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 49.763, 117.265**, and **72, 80.600, 127.727** is the 20% darker color. If you saturate the color by 10%, you get **91, 91.260, 127.531**, and if you desaturate by 10%, it is **93, 68.291, 127.988**.

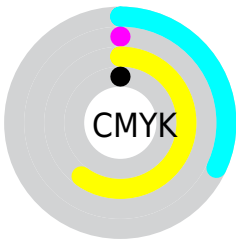
Distribution



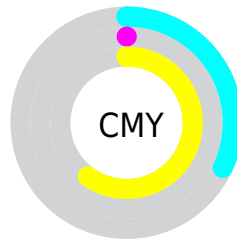
- Red (67%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (72%)



- Cyan (32%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 80.443, 127.655 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, 80.443, 127.655 by changing the saturation by 10% instead.


 92, 80.443,
127.655


 92, 80.443,
127.655


 100, 80.443,
127.655


 82, 80.443,
127.655

 72, 80.443,
127.655

 62, 80.443,
127.655

 52, 80.443,
127.655

 42, 80.443,
127.655

 32, 80.443,
127.655

 22, 80.443,

127.655

■ 12, 80.443,
127.655

■ 2, 80.443, 127.655

■ 92, 80.443,
127.655

■ 92, 80.443,
127.655

■ 91, 91.260,
127.531

■ 93, 68.291,
127.988

■ 90, 100.140,
127.741

■ 94, 55.284,
128.430

■ 90, 106.535,
128.411

■ 95, 41.772,
128.915

■ 89, 110.422,
129.498

■ 97, 27.996,
129.405

■ 98, 14.123,
129.880

■ 100, 0.270,
130.881

■ 100, 0.537,
323.885

Harmonies

Complementary

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



92, 80.443, 127.655



59, 87.358, 313.172

Rectangle

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



92, 80.443, 127.655



92, 80.443, 177.655



92, 80.443, 307.655



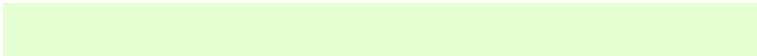
92, 80.443, 357.655

Sweetspot

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



92, 80.444, 127.656



97, 25.009, 129.511



80, 54.036, 70.919



51, 17.378, 129.371



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, 80.444, 127.656



91, 93.263, 127.540



89, 89.645, 139.925



52, 7.889, 129.912



69, 88.910, 129.222



23, 39.518, 127.712

Inverse Universe

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



59, 87.358, 313.172



52, 102.843, 313.482



67, 88.442, 328.510



49, 7.990, 310.719



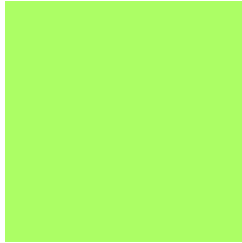
31, 99.755, 312.719



6, 44.849, 313.873

Previews

White Background



This preview shows how the CIELCh color 92, 80.443, 127.655 looks on a white background.

Color Contrast Check

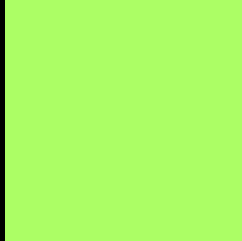
Large Text (above 18pt) WCAG AA × Fail

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, 80.443, 127.655 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, 80.443, 127.655

Background



This preview shows how black text looks on a background with the CIELCh color 92, 80.443, 127.655.

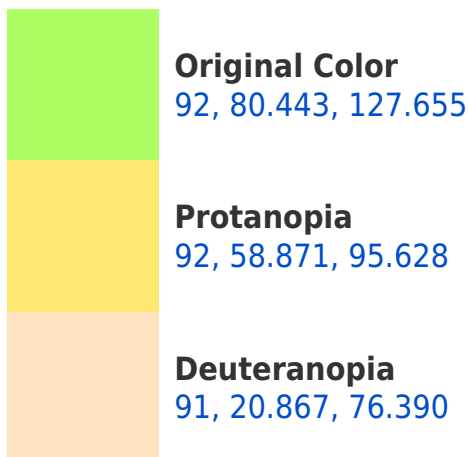


This preview shows how white text looks on a background with the CIELCh color 92, 80.443, 127.655.

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
92, 15.288, 234.041

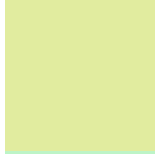
Trichromacy



Original Color
92, 80.443, 127.655



Protanomaly
91, 63.747, 110.232

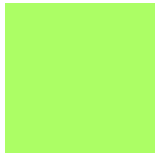


Deuteranomaly
91, 39.393, 113.298

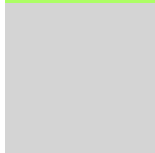


Tritanomaly
92, 30.601, 148.294

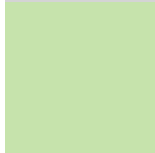
Monochromacy



Original Color
92, 80.443, 127.655



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 30.554, 128.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 80.443, 127.655 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(172, 254, 101)` looks like.

```
.text, #text, p{  
    color:rgb(172, 254, 101)  
}
```

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(172, 254, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 254, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 80.443, 127.655 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(172, 254, 101) }
```

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

```
.border{ border-color:rgb(172, 254, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 254, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 254, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 254, 101);  
box-shadow:4px 4px 4px 4px rgb(172, 254,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 80.443, 127.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 254, 101) }
```

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

```
.background{ background-color: rgb(172,  
254, 101) }
```

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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