

Converting Colors

CIELCh(94, 90.163, 115.196)

Have a look what the booklet for
CIELCh(94, 90.163, 115.196)
contains.

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Color

CIELCh(94, 90.339, 115.172)

Conversions

Conversions Part 1

Format	Color
Hex	D2FF3A
RGB	210, 255, 58
RGB Percent	82%, 100%, 23%
CMY	0.1778, 0.0012, 0.7740
CMYK	0.18, 0.00, 0.77, 0.00
HSL	74°, 100%, 61%
HSV	74°, 77%, 100%
XYZ	62.8972, 85.2715, 17.0953
YIQ	219.0870, 36.4170, -70.8070

Conversions

Conversions Part 2

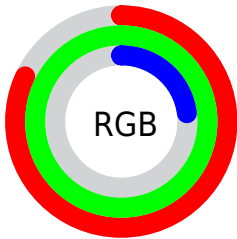
Format	Color
RYB	58, 255, 103
Decimal	13827898
CIELab	94.00, -38.42, 81.76
CIElCh	94, 90.339, 115.172
Yxy	85.2715, 0.3806, 0.5160
Android (android.graphics.Color)	4292017978 (0xFFD2FF3A)
YUV	219.0870, -79.4159, -7.9693
Hunter-Lab	92.3426, -40.0181, 53.6635

Details

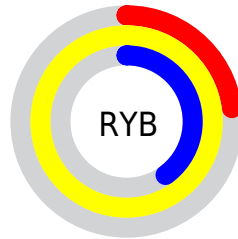
The CIELCh color **94, 90.339, 115.172** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **43, 112.188, 306.632**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 65.737, 105.148**, and **74, 83.008, 116.773** is the 20% darker color. If you saturate the color by 10%, you get **94, 96.286, 115.493**, and if you desaturate by 10%, it is **95, 81.992, 115.224**.

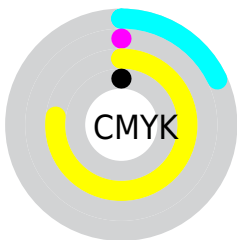
Distribution



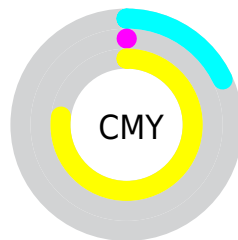
- Red (82%)
- Green (100%)
- Blue (23%)



- Red (23%)
- Yellow (100%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 90.339, 115.172 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 94, 90.339, 115.172 by changing the saturation by 10% instead.


 94, 90.339,
115.172

 94, 90.339,
115.172

 100, 90.339,
115.172


 84, 90.339,
115.172

 74, 90.339,
115.172

 64, 90.339,
115.172

 54, 90.339,
115.172

 44, 90.339,
115.172

 34, 90.339,
115.172

 24, 90.339,

115.172

■ 14, 90.339,
115.172

■ 4, 90.339, 115.172

■ 94, 90.339,
115.172

■ 94, 90.339,
115.172

■ 94, 96.286,
115.493

■ 95, 81.992,
115.224

■ 93, 99.572,
116.245

■ 95, 71.836,
115.543

■ 93, 100.184,
116.480

■ 96, 60.450,
116.037

■ 96, 48.280,
116.633

97, 35.633,
117.281

98, 22.713,
117.948

99, 9.655, 118.611

100, 0.205,
322.934

Harmonies

Complementary

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



94, 90.339, 115.172



43, 112.188, 306.632

Rectangle

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



94, 90.339, 115.172



94, 90.339, 165.172



94, 90.339, 295.172



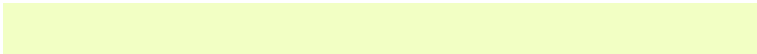
94, 90.339, 345.172

Sweetspot

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



94, 90.339, 115.174



98, 30.033, 117.572



62, 77.712, 43.180



52, 20.750, 117.332



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 90.339, 115.174



93, 98.538, 115.865



89, 103.213, 132.652



53, 7.449, 118.471



72, 80.684, 116.270



25, 36.379, 115.138

Inverse Universe

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



43, 112.188, 306.632



36, 127.865, 307.413



54, 107.243, 318.733



49, 7.603, 299.733



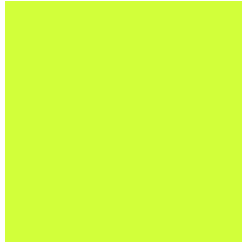
25, 105.790, 307.498



4, 44.615, 306.122

Previews

White Background



This preview shows how the CIELCh color 94, 90.339, 115.172 looks on a white background.

Color Contrast Check

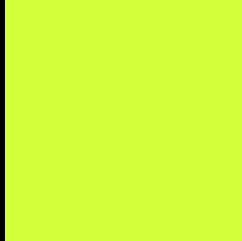
Large Text (above 18pt) WCAG AA × Fail

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 94, 90.339, 115.172 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 94, 90.339, 115.172

Background



This preview shows how black text looks on a background with the CIELCh color 94, 90.339, 115.172.

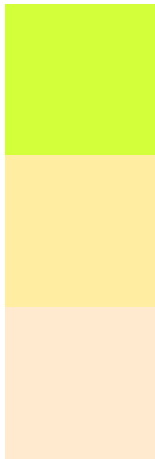


This preview shows how white text looks on a background with the CIELCh color 94, 90.339, 115.172.

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](#).

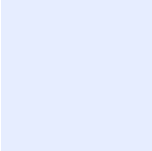
Dichromacy



Original Color
94, 90.339, 115.172

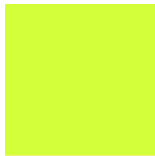
Protanopia
94, 38.813, 96.474

Deuteranopia
94, 15.516, 78.555



Tritanopia
94, 9.533, 276.441

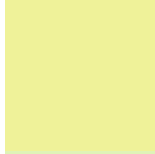
Trichromacy



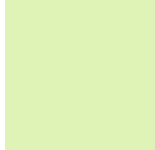
Original Color
94, 90.339, 115.172



Protanomaly
93, 58.952, 107.081



Deuteranomaly
94, 44.856, 108.132

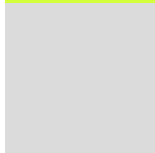


Tritanomaly
93, 31.508, 121.678

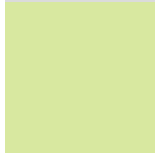
Monochromacy



Original Color
94, 90.339, 115.172



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 37.336, 116.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 90.339, 115.172 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(210, 255, 58)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 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(210, 255, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 90.339, 115.172 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(210, 255, 58) }
```

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

```
.border{ border-color:rgb(210, 255, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 58);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 90.339, 115.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 58) }
```

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

```
.background{ background-color: rgb(210,  
255, 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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