

Converting Colors

CIELCh(95, 90.264, 113.426)

Have a look what the booklet for
CIELCh(95, 90.264, 113.426)
contains.

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Color

CIELCh(95, 89.669, 113.201)

Conversions

Conversions Part 1

Format	Color
Hex	DBFF3B
RGB	219, 255, 59
RGB Percent	86%, 100%, 23%
CMY	0.1407, 0.0000, 0.7673
CMYK	0.14, 0.00, 0.77, 0.00
HSL	71°, 100%, 62%
HSV	71°, 77%, 100%
XYZ	66.1606, 87.6183, 17.6074
YIQ	221.8920, 41.4600, -68.5880

Conversions

Conversions Part 2

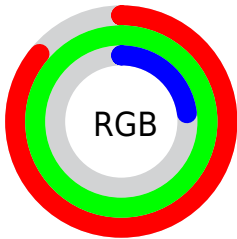
Format	Color
RYB	59, 255, 95
Decimal	14417723
CIELab	95.00, -35.33, 82.42
CIELCh	95, 89.669, 113.201
Yxy	87.6183, 0.3860, 0.5112
Android (android.graphics.Color)	4292607803 (0xFFDBFF3B)
YUV	221.8920, -80.3058, -2.5363
Hunter-Lab	93.6047, -37.6427, 54.3706

Details

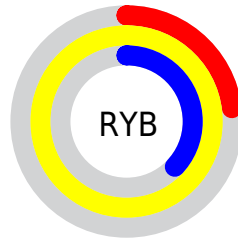
The CIELCh color **95, 89.669, 113.201** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **43, 111.942, 305.809**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 65.303, 105.181**, and **75, 82.067, 114.310** is the 20% darker color. If you saturate the color by 10%, you get **94, 95.190, 113.161**, and if you desaturate by 10%, it is **95, 80.870, 113.132**.

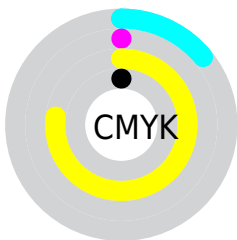
Distribution



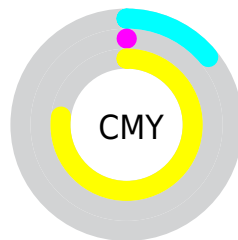
- Red (86%)
- Green (100%)
- Blue (23%)



- Red (23%)
- Yellow (100%)
- Blue (37%)



- Cyan (14%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 89.669, 113.201 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 95, 89.669, 113.201 by changing the saturation by 10% instead.


 95, 89.669,
113.201


 95, 89.669,
113.201


 100, 89.669,
113.201


 85, 89.669,
113.201

 75, 89.669,
113.201

 65, 89.669,
113.201

 55, 89.669,
113.201

 45, 89.669,
113.201

 35, 89.669,
113.201

 25, 89.669,

113.201

■ 15, 89.669,
113.201

■ 5, 89.669, 113.201

■ 95, 89.669,
113.201

■ 95, 89.669,
113.201

■ 94, 95.190,
113.161

■ 95, 80.870,
113.132

■ 94, 98.454,
113.741

■ 96, 70.725,
113.531

■ 94, 99.154,
113.984

■ 96, 59.369,
114.089

■ 97, 47.242,
114.743

■ 98, 34.646,
115.445

■ 98, 21.780,
116.164

■ 99, 8.775, 116.879

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.



95, 89.669, 113.201



43, 111.942, 305.809

Rectangle

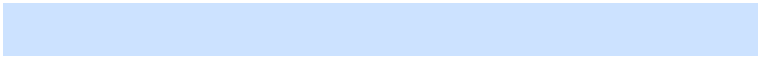
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 89.669, 113.201



95, 89.669, 163.201



95, 89.669, 293.201



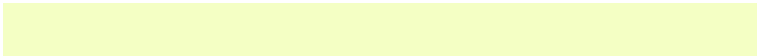
95, 89.669, 343.201

Sweetspot

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



95, 89.225, 112.978



98, 29.869, 115.713



61, 79.071, 40.238



52, 20.634, 115.454



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 89.225, 112.978



94, 97.241, 113.417



90, 101.350, 131.431



53, 7.412, 116.682



73, 79.806, 113.806



25, 36.074, 112.871

Inverse Universe

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



43, 111.942, 305.809



36, 127.940, 306.915



53, 107.075, 317.228



49, 7.570, 298.056



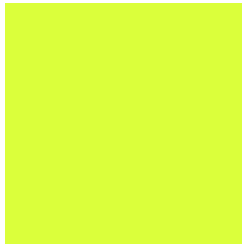
24, 106.397, 307.108



4, 44.525, 305.227

Previews

White Background



This preview shows how the CIE LCh color 95, 89.669, 113.201 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 95, 89.669, 113.201 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 95, 89.669, 113.201

Background



This preview shows how black text looks on a background with the CIELCh color 95, 89.669, 113.201.




This preview shows how white text looks on a background with the CIELCh color 95, 89.669, 113.201.

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](#).

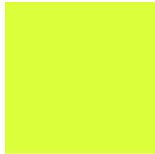
Dichromacy



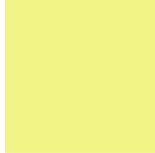


Tritanopia
95, 8.752, 290.864

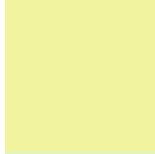
Trichromacy



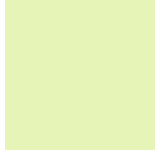
Original Color
95, 89.326, 112.996



Protanomaly
94, 55.681, 107.032



Deuteranomaly
94, 42.866, 107.309

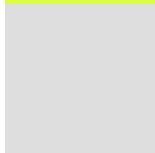


Tritanomaly
94, 30.913, 116.986

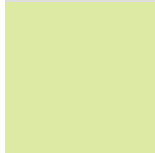
Monochromacy



Original Color
95, 89.326, 112.996



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 36.596, 115.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 89.669, 113.201 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(219, 255, 59)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 59)  
}
```

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(219, 255, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 89.669, 113.201 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(219, 255, 59) }
```

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

```
.border{ border-color:rgb(219, 255, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 59);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 89.669, 113.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 59) }
```

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

```
.background{ background-color: rgb(219,  
255, 59) }
```

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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