

Converting Colors

CIELCh(96, 81.781, 116.439)

Have a look what the booklet for
CIELCh(96, 81.781, 116.439)
contains.

CIELCh(95, 79.536, 115.373)	3
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Color

CIELCh(95, 79.536, 115.373)

Conversions

Conversions Part 1

Format	Color
Hex	DAFF5B
RGB	218, 255, 91
RGB Percent	85%, 100%, 36%
CMY	0.1460, 0.0000, 0.6441
CMYK	0.15, 0.00, 0.64, 0.00
HSL	74°, 100%, 68%
HSV	74°, 64%, 100%
XYZ	66.7194, 87.6183, 23.2350
YIQ	225.2410, 30.5920, -58.8480

Conversions

Conversions Part 2

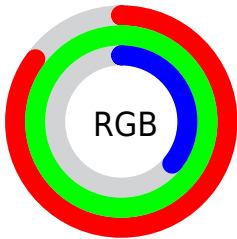
Format	Color
RYB	91, 255, 128
Decimal	14352219
CIELab	95.00, -34.08, 71.86
CIELCh	95, 79.536, 115.373
Yxy	87.6183, 0.3757, 0.4934
Android (android.graphics.Color)	4292542299 (0xFFDAFF5B)
YUV	225.2410, -66.1808, -6.3504
Hunter-Lab	93.6047, -36.5772, 50.8060

Details

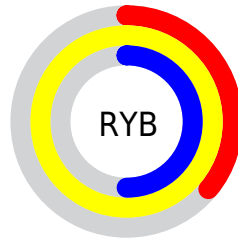
The CIELCh color **95, 79.536, 115.373** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **51, 94.012, 305.251**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 53.053, 106.118**, and **75, 79.000, 114.990** is the 20% darker color. If you saturate the color by 10%, you get **94, 88.148, 115.073**, and if you desaturate by 10%, it is **95, 68.615, 115.598**.

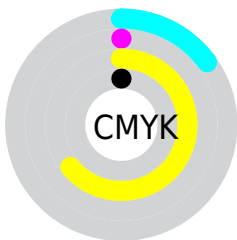
Distribution



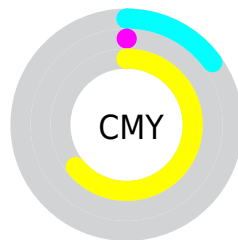
- Red (85%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (50%)



- Cyan (15%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 79.536, 115.373 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, 79.536, 115.373 by changing the saturation by 10% instead.


 95, 79.536,
115.373


 95, 79.536,
115.373


 100, 79.536,
115.373


 85, 79.536,
115.373

 75, 79.536,
115.373

 65, 79.536,
115.373

 55, 79.536,
115.373

 45, 79.536,
115.373

 35, 79.536,
115.373

 25, 79.536,

115.373

■ 15, 79.536,
115.373

■ 5, 79.536, 115.373

■ 95, 79.536,
115.373

■ 95, 79.536,
115.373

■ 94, 88.148,
115.073

■ 95, 68.615,
115.598

■ 94, 94.857,
115.270

■ 96, 56.951,
116.131

■ 93, 98.906,
115.890

■ 97, 44.604,
116.749

■ 93, 100.231,
116.388

■ 98, 31.850,
117.407

■ 99, 18.867,
118.077

■ 100, 5.777,
118.739

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, 79.536, 115.373



51, 94.012, 305.251

Rectangle

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



95, 79.536, 115.373



95, 79.536, 165.373



95, 79.536, 295.373



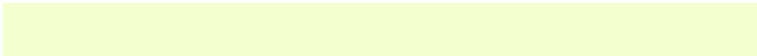
95, 79.536, 345.373

Sweetspot

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



95, 79.197, 115.217



98, 24.843, 117.770



67, 62.430, 42.158



52, 17.080, 117.578



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, 79.197, 115.217



94, 90.122, 115.087



91, 90.035, 132.929



53, 7.448, 118.403



72, 80.647, 116.178



25, 36.366, 115.053

Inverse Universe

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



51, 94.012, 305.251



43, 111.834, 306.569



60, 93.548, 318.713



49, 7.602, 299.669



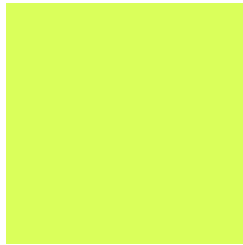
25, 105.815, 307.481



4, 44.611, 306.086

Previews

White Background



This preview shows how the CIELCh color 95, 79.536, 115.373 looks on a white background.

Color Contrast Check

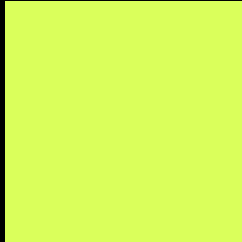
Large Text (above 18pt) WCAG AA × Fail

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, 79.536, 115.373 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, 79.536, 115.373

Background



This preview shows how black text looks on a background with the CIELCh color 95, 79.536, 115.373.

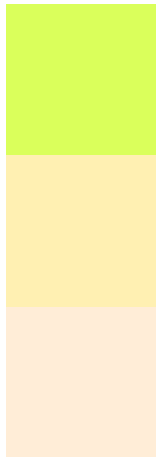


This preview shows how white text looks on a background with the CIELCh color 95, 79.536, 115.373.

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
95, 79.084, 115.169

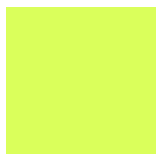
Protanopia
95, 32.102, 97.163

Deuteranopia
95, 13.104, 78.595

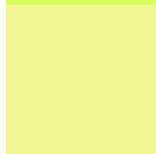


Tritanopia
95, 8.249, 286.057

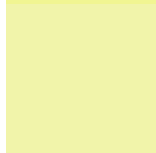
Trichromacy



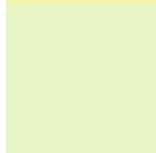
Original Color
95, 79.084, 115.169



Protanomaly
94, 49.587, 108.114

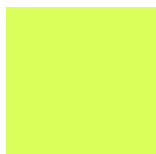


Deuteranomaly
94, 37.455, 109.013

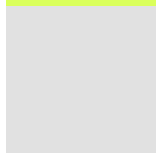


Tritanomaly
94, 26.102, 120.615

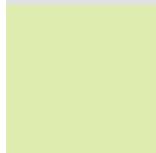
Monochromacy



Original Color
95, 79.084, 115.169



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 31.165, 117.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 79.536, 115.373 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(218, 255, 91)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 91)  
}
```

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(218, 255, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 79.536, 115.373 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(218, 255, 91) }
```

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

```
.border{ border-color:rgb(218, 255, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 91);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 79.536, 115.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 91) }
```

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

```
.background{ background-color: rgb(218,  
255, 91) }
```

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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