

Converting Colors

CIELCh(95, 52.915, 122.205)

Have a look what the booklet for
CIELCh(95, 52.915, 122.205)
contains.

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Color

CIELCh(95, 53.001, 122.383)

Conversions

Conversions Part 1

Format	Color
Hex	D8FE98
RGB	216, 254, 152
RGB Percent	85%, 100%, 60%
CMY	0.1536, 0.0045, 0.4045
CMYK	0.15, 0.00, 0.40, 0.00
HSL	82°, 98%, 80%
HSV	82°, 40%, 100%
XYZ	69.3180, 87.6183, 42.8998
YIQ	231.0100, 10.0940, -39.7780

Conversions

Conversions Part 2

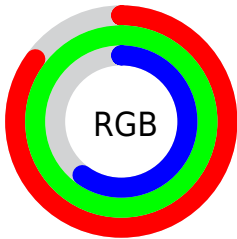
Format	Color
RYB	152, 254, 190
Decimal	14220952
CIELab	95.00, -28.39, 44.76
CIELCh	95, 53.001, 122.383
Yxy	87.6183, 0.3469, 0.4385
Android (android.graphics.Color)	4292411032 (0xFFD8FE98)
YUV	231.0100, -38.9519, -13.1638
Hunter-Lab	93.6047, -31.6218, 38.3501

Details

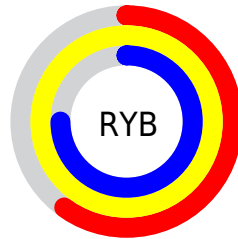
The CIELCh color **95, 53.001, 122.383** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70, 57.219, 307.040**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **75, 52.913, 122.173** is the 20% darker color. If you saturate the color by 10%, you get **94, 65.380, 121.928**, and if you desaturate by 10%, it is **96, 40.105, 122.904**.

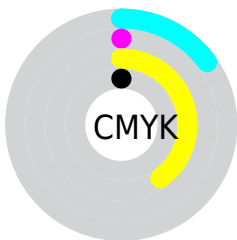
Distribution



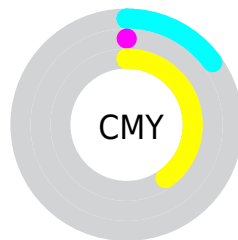
- Red (85%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 53.001, 122.383 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, 53.001, 122.383 by changing the saturation by 10% instead.


 95, 53.001,
122.383


 95, 53.001,
122.383


 100, 53.001,
122.383


 85, 53.001,
122.383

 75, 53.001,
122.383

 65, 53.001,
122.383

 55, 53.001,
122.383

 45, 53.001,
122.383

 35, 53.001,
122.383

 25, 53.001,

122.383

■ 15, 53.001,
122.383

■ 5, 53.001, 122.383

■ 95, 53.001,
122.383

■ 95, 53.001,
122.383

■ 94, 65.380,
121.928

■ 96, 40.105,
122.904

■ 93, 76.899,
121.598

■ 97, 26.915,
123.445

■ 93, 87.083,
121.487

■ 98, 13.587,
123.983

■ 92, 95.342,
121.713

■ 100, 0.227,
124.883

■ 91, 101.137,
122.395

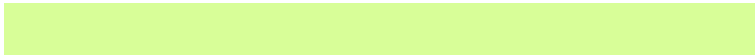
100, 0.726,
324.041

■ 91, 104.490,
123.508

Harmonies

Complementary

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



95, 53.001, 122.383



70, 57.219, 307.040

Rectangle

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



95, 53.001, 122.383



95, 53.001, 172.383



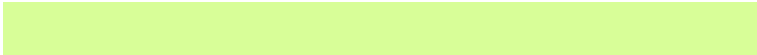
95, 53.001, 302.383



95, 53.001, 352.383

Sweetspot

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



95, 53.003, 122.385



98, 16.078, 123.885



82, 33.607, 56.340



52, 10.665, 123.815



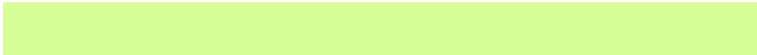
0, 0.000, 0.000



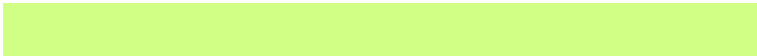
53, 0.007, 296.813

Same Dimension

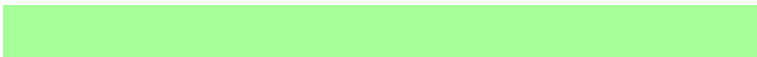
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 53.003, 122.385



95, 62.973, 122.019



92, 60.927, 138.260



53, 7.617, 124.019



70, 84.273, 123.235



24, 37.689, 121.716

Inverse Universe

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



70, 57.219, 307.040



64, 69.224, 307.631



75, 61.527, 322.624



49, 7.750, 305.000



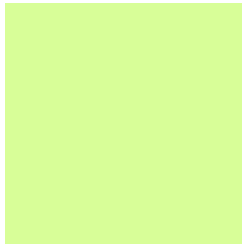
27, 103.235, 309.371



5, 44.867, 309.486

Previews

White Background



This preview shows how the CIELCh color 95, 53.001, 122.383 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, 53.001, 122.383 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, 53.001, 122.383

Background



This preview shows how black text looks on a background with the CIELCh color 95, 53.001, 122.383.

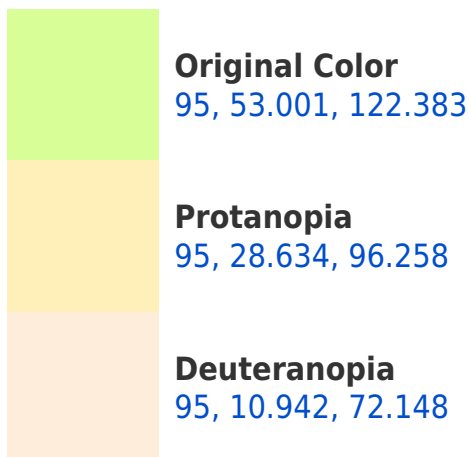


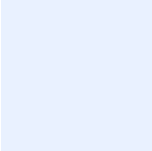
This preview shows how white text looks on a background with the CIELCh color 95, 53.001, 122.383.

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](#).

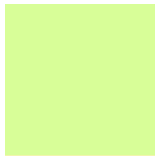
Dichromacy



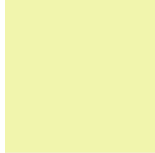


Tritanopia
95, 7.647, 269.812

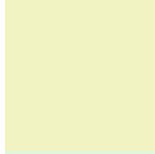
Trichromacy



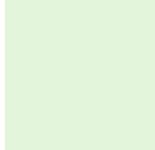
Original Color
95, 53.001, 122.383



Protanomaly
95, 36.458, 109.755



Deuteranomaly
95, 24.464, 110.024

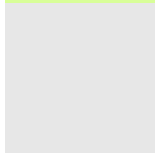


Tritanomaly
95, 16.401, 133.801

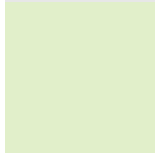
Monochromacy



Original Color
95, 53.001, 122.383



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 19.700, 123.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 53.001, 122.383 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(216, 254, 152)` looks like.

```
.text, #text, p{  
    color:rgb(216, 254, 152)  
}
```

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(216, 254, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 254, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 53.001, 122.383 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(216, 254, 152) }
```

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

```
.border{ border-color:rgb(216, 254, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 254, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 254, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 254, 152);  
box-shadow:4px 4px 4px 4px rgb(216, 254,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 53.001, 122.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 254, 152) }
```

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

```
.background{ background-color: rgb(216,  
254, 152) }
```

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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