

Converting Colors

CIELCh(95, 42.929, 128.187)

Have a look what the booklet for
CIELCh(95, 42.929, 128.187)
contains.

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Color

CIELCh(95, 42.817, 128.272)

Conversions

Conversions Part 1

Format	Color
Hex	D4FDAE
RGB	212, 253, 174
RGB Percent	83%, 99%, 68%
CMY	0.1671, 0.0063, 0.3162
CMYK	0.16, 0.00, 0.31, 0.01
HSL	91°, 96%, 84%
HSV	91°, 31%, 99%
XYZ	70.1835, 87.6183, 53.4440
YIQ	231.7350, 0.9230, -33.2610

Conversions

Conversions Part 2

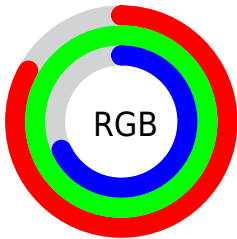
Format	Color
RYB	174, 253, 215
Decimal	13958574
CIELab	95.00, -26.52, 33.61
CIELCh	95, 42.817, 128.272
Yxy	87.6183, 0.3322, 0.4148
Android (android.graphics.Color)	4292148654 (0xFFD4FDAE)
YUV	231.7350, -28.4634, -17.3076
Hunter-Lab	93.6047, -29.9713, 31.6714

Details

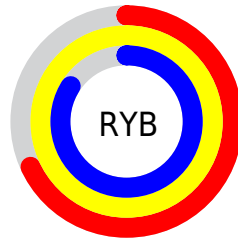
The CIELCh color **95, 42.817, 128.272** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **77, 44.667, 311.234**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **75, 42.662, 128.459** is the 20% darker color. If you saturate the color by 10%, you get **94, 56.193, 127.792**, and if you desaturate by 10%, it is **96, 29.160, 128.765**.

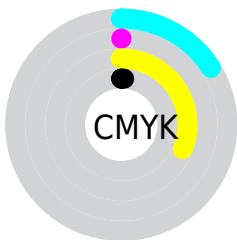
Distribution



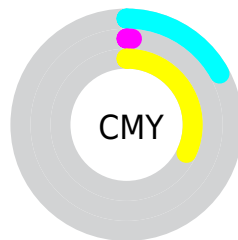
- Red (83%)
- Green (99%)
- Blue (68%)



- Red (68%)
- Yellow (99%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 42.817, 128.272 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, 42.817, 128.272 by changing the saturation by 10% instead.


 95, 42.817,
128.272


 95, 42.817,
128.272


 100, 42.817,
128.272


 85, 42.817,
128.272

 75, 42.817,
128.272

 65, 42.817,
128.272

 55, 42.817,
128.272

 45, 42.817,
128.272

 35, 42.817,
128.272

 25, 42.817,

128.272

■ 15, 42.817,
128.272

■ 5, 42.817, 128.272

■ 95, 42.817,
128.272

■ 95, 42.817,
128.272

■ 94, 56.193,
127.792

■ 96, 29.160,
128.765

■ 93, 69.035,
127.363

■ 98, 15.386,
129.243

■ 92, 80.986,
127.054

■ 99, 1.618, 129.770

■ 91, 91.554,
126.967

100, 1.007,
324.170

■ 90, 100.137,
127.230

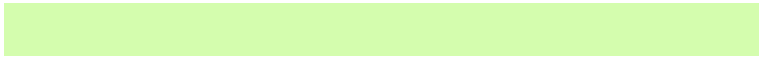
■ 90, 106.211,
127.964

■ 89, 109.579,
128.974

Harmonies

Complementary

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



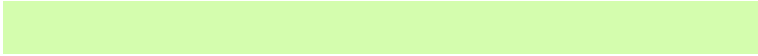
95, 42.817, 128.272



77, 44.667, 311.234

Rectangle

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



95, 42.817, 128.272



95, 42.817, 178.272



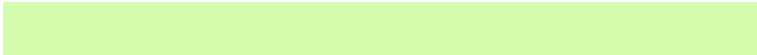
95, 42.817, 308.272



95, 42.817, 358.272

Sweetspot

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



95, 42.819, 128.273



99, 12.435, 129.346



88, 26.224, 73.215



52, 8.644, 129.278



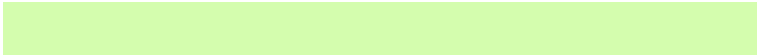
0, 0.000, 0.000



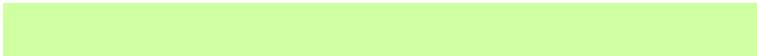
53, 0.007, 296.813

Same Dimension

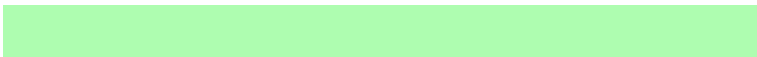
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 42.819, 128.273



95, 50.902, 127.990



93, 48.969, 142.647



53, 7.857, 129.322



69, 88.436, 128.697



23, 39.322, 127.166

Inverse Universe

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



77, 44.667, 311.234



74, 53.566, 311.544



81, 48.953, 326.606



49, 7.962, 310.140



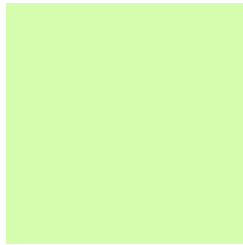
30, 100.121, 312.311



6, 44.878, 313.402

Previews

White Background



This preview shows how the CIELCh color 95, 42.817, 128.272 looks on a white background.

Color Contrast Check

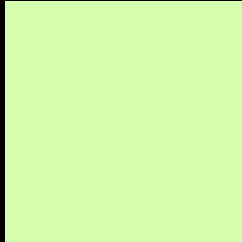
Large Text (above 18pt) WCAG AA × Fail

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, 42.817, 128.272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

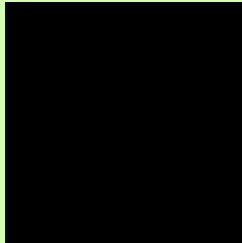
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

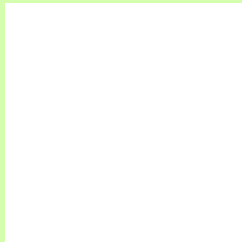
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 42.817, 128.272

Background



This preview shows how black text looks on a background with the CIELCh color 95, 42.817, 128.272.

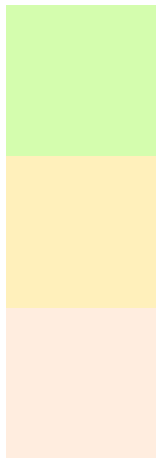


This preview shows how white text looks on a background with the CIELCh color 95, 42.817, 128.272.

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, 42.817, 128.272

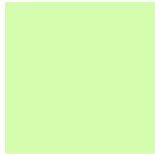
Protanopia
95, 27.642, 95.945

Deuteranopia
95, 9.740, 66.902

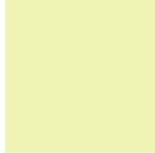


Tritanopia
95, 7.757, 258.918

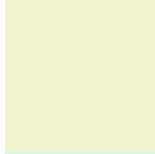
Trichromacy



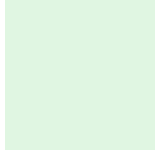
Original Color
95, 42.817, 128.272



Protanomaly
95, 32.011, 111.107



Deuteranomaly
95, 19.425, 111.954

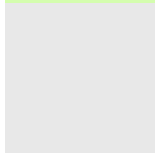


Tritanomaly
95, 12.972, 146.476

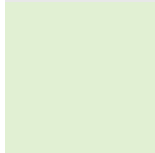
Monochromacy



Original Color
95, 42.817, 128.272



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 15.900, 129.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 42.817, 128.272 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(212, 253, 174)` looks like.

```
.text, #text, p{  
    color:rgb(212, 253, 174)  
}
```

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(212, 253, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 253, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 42.817, 128.272 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(212, 253, 174) }
```

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

```
.border{ border-color:rgb(212, 253, 174) }
```

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

Here you see how a box with a 4 pixel rgb(212, 253, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 253, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 253, 174);  
box-shadow:4px 4px 4px 4px rgb(212, 253,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 42.817, 128.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 253, 174) }
```

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

```
.background{ background-color: rgb(212,  
253, 174) }
```

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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