

Converting Colors

CIELCh(95, 42.676, 117.490)

Have a look what the booklet for
CIELCh(95, 42.676, 117.490)
contains.

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Color

CIELCh(95, 43.035, 117.778)

Conversions

Conversions Part 1

Format	Color
Hex	E5FAA6
RGB	229, 250, 166
RGB Percent	90%, 98%, 65%
CMY	0.1027, 0.0204, 0.3498
CMYK	0.08, 0.00, 0.34, 0.02
HSL	75°, 89%, 81%
HSV	75°, 34%, 98%
XYZ	73.2385, 87.6183, 49.0374
YIQ	234.1450, 14.4480, -30.5760

Conversions

Conversions Part 2

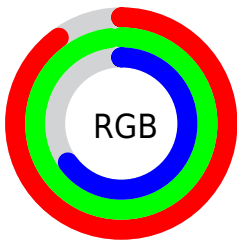
Format	Color
RYB	166, 250, 187
Decimal	15071910
CIELab	95.00, -20.06, 38.08
CIELCh	95, 43.035, 117.778
Yxy	87.6183, 0.3489, 0.4174
Android (android.graphics.Color)	4293261990 (0xFFE5FAA6)
YUV	234.1450, -33.5955, -4.5122
Hunter-Lab	93.6047, -24.1456, 34.4625

Details

The CIELCh color **95, 43.035, 117.778** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **73, 46.329, 302.529**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 16.691, 108.916**, and **75, 43.279, 117.714** is the 20% darker color. If you saturate the color by 10%, you get **94, 55.274, 117.183**, and if you desaturate by 10%, it is **96, 30.420, 118.416**.

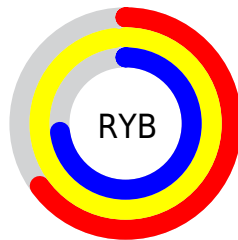
Distribution



Red (90%)

Green (98%)

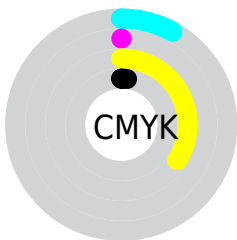
Blue (65%)



Red (65%)

Yellow (98%)

Blue (73%)

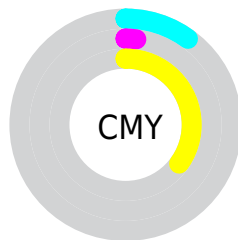


Cyan (8%)

Magenta (0%)

Yellow (34%)

Black (2%)



Cyan (10%)


Magenta (2%)


Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 43.035, 117.778 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, 43.035, 117.778 by changing the saturation by 10% instead.


 95, 43.035,
117.778


 95, 43.035,
117.778


 100, 43.035,
117.778


 85, 43.035,
117.778

 75, 43.035,
117.778

 65, 43.035,
117.778

 55, 43.035,
117.778

 45, 43.035,
117.778

 35, 43.035,
117.778

 25, 43.035,

117.778

■ 15, 43.035,
117.778

■ 5, 43.035, 117.778

■ 95, 43.035,
117.778

■ 95, 43.035,
117.778

■ 94, 55.274,
117.183

■ 96, 30.420,
118.416

■ 94, 66.874,
116.667

■ 97, 17.595,
119.059

■ 93, 77.455,
116.298

■ 98, 4.676, 119.696

■ 92, 86.493,
116.166

■ 99, 3.014, 317.824

■ 99, 3.234, 324.459

■ 92, 93.389,
116.375

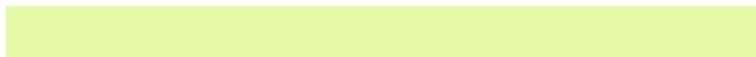
■ 91, 97.700,
117.016

■ 91, 99.311,
117.619

Harmonies

Complementary

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



95, 43.035, 117.778



73, 46.329, 302.529

Rectangle

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



95, 43.035, 117.778



95, 43.035, 167.778



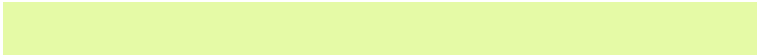
95, 43.035, 297.778



95, 43.035, 347.778

Sweetspot

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



95, 43.037, 117.780



99, 13.138, 119.290



81, 27.917, 44.322



53, 8.963, 119.200



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

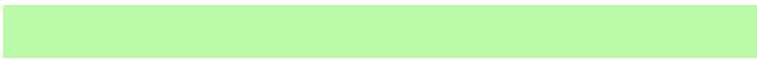
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 43.037, 117.780



96, 51.752, 117.390



92, 48.732, 135.563



52, 7.347, 119.323



71, 80.342, 117.397



23, 35.349, 116.280

Inverse Universe

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



73, 46.329, 302.529



69, 56.670, 303.162



77, 49.718, 318.758



48, 7.496, 300.533



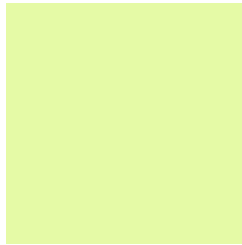
25, 104.401, 307.725



4, 42.698, 306.047

Previews

White Background



This preview shows how the CIELCh color 95, 43.035, 117.778 looks on a white background.

Color Contrast Check

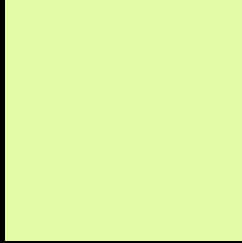
Large Text (above 18pt) WCAG AA × Fail

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, 43.035, 117.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

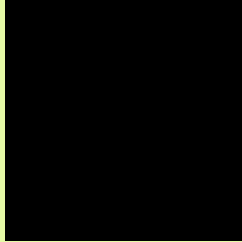
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

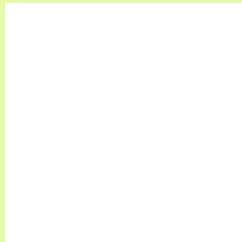
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 43.035, 117.778

Background



This preview shows how black text looks on a background with the CIELCh color 95, 43.035, 117.778.

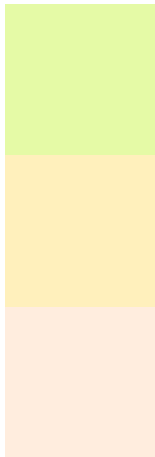


This preview shows how white text looks on a background with the CIELCh color 95, 43.035, 117.778.

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, 43.035, 117.778

Protanopia
95, 27.146, 95.777

Deuteranopia
95, 10.131, 68.792

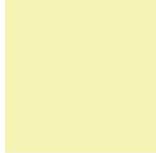


Tritanopia
95, 8.269, 295.594

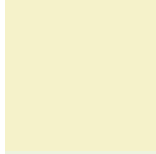
Trichromacy



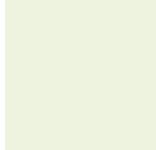
Original Color
95, 43.035, 117.778



Protanomaly
95, 32.464, 106.941



Deuteranomaly
95, 20.436, 105.409

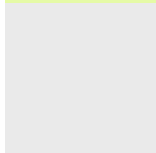


Tritanomaly
95, 10.473, 121.336

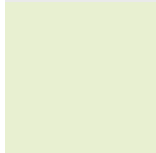
Monochromacy



Original Color
95, 43.035, 117.778



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 16.169, 119.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 43.035, 117.778 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(229, 250, 166)` looks like.

```
.text, #text, p{  
    color:rgb(229, 250, 166)  
}
```

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(229, 250, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 250, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 43.035, 117.778 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(229, 250, 166) }
```

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

```
.border{ border-color:rgb(229, 250, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 250, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 250, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 250, 166);  
box-shadow:4px 4px 4px 4px rgb(229, 250,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 43.035, 117.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 250, 166) }
```

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

```
.background{ background-color: rgb(229,  
250, 166) }
```

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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