

Converting Colors

CIELCh(95, 39.491, 135.053)

Have a look what the booklet for
CIELCh(95, 39.491, 135.053)
contains.

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Color

CIELCh(95, 39.042, 135.088)

Conversions

Conversions Part 1

Format	Color
Hex	CDFEBA
RGB	205, 254, 186
RGB Percent	80%, 100%, 73%
CMY	0.1951, 0.0029, 0.2696
CMYK	0.19, 0.00, 0.27, 0.00
HSL	103°, 98%, 86%
HSV	103°, 27%, 100%
XYZ	69.6590, 87.6183, 59.8315
YIQ	231.5970, -7.3760, -31.5360

Conversions

Conversions Part 2

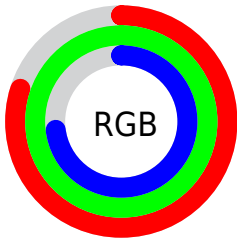
Format	Color
RYB	186, 254, 235
Decimal	13500090
CIELab	95.00, -27.65, 27.56
CIElCh	95, 39.042, 135.088
Yxy	87.6183, 0.3208, 0.4036
Android (android.graphics.Color)	4291690170 (0xFFCDFEBA)
YUV	231.5970, -22.4793, -23.3256
Hunter-Lab	93.6047, -30.9715, 27.6255

Details

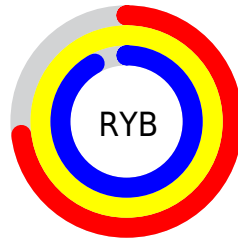
The CIELCh color **95, 39.042, 135.088** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 39.774, 317.538**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **75, 39.127, 134.838** is the 20% darker color. If you saturate the color by 10%, you get **94, 53.469, 134.517**, and if you desaturate by 10%, it is **97, 24.428, 135.622**.

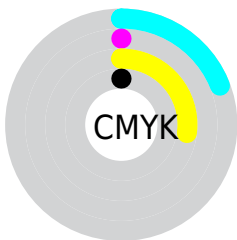
Distribution



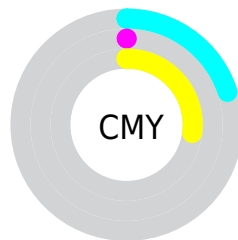
- Red (80%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 39.042, 135.088 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, 39.042, 135.088 by changing the saturation by 10% instead.


 95, 39.042,
135.088


 95, 39.042,
135.088

 100, 39.042,
135.088


 85, 39.042,
135.088

 75, 39.042,
135.088

 65, 39.042,
135.088

 55, 39.042,
135.088

 45, 39.042,
135.088

 35, 39.042,
135.088

 25, 39.042,

135.088

■ 15, 39.042,
135.088

■ 5, 39.042, 135.088

■ 95, 39.042,
135.088

■ 95, 39.042,
135.088

■ 94, 53.469,
134.517

■ 97, 24.428,
135.622

■ 92, 67.452,
133.931

■ 98, 9.802, 136.113

■ 91, 80.645,
133.380

100, 0.466,
323.794

■ 90, 92.572,
132.945

■ 89, 102.632,
132.744

■ 89, 110.192,
132.910

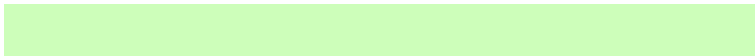
■ 88, 114.886,
133.518

■ 88, 115.985,
133.746

Harmonies

Complementary

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



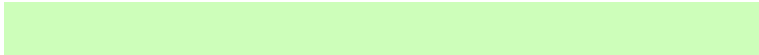
95, 39.042, 135.088



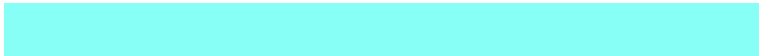
82, 39.774, 317.538

Rectangle

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



95, 39.042, 135.088



95, 39.042, 185.088



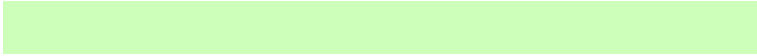
95, 39.042, 315.088



95, 39.042, 5.088

Sweetspot

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



95, 39.044, 135.089



98, 11.653, 136.053



93, 26.073, 91.554



52, 8.288, 135.981



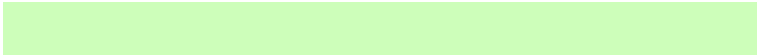
0, 0.000, 0.000



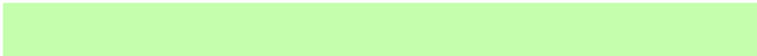
53, 0.007, 296.813

Same Dimension

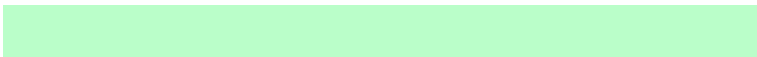
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 39.044, 135.089



94, 46.763, 134.792



94, 36.593, 149.093



52, 8.288, 135.981



68, 93.386, 133.542



23, 41.527, 132.514

Inverse Universe

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



82, 39.774, 317.538



79, 47.806, 317.768



83, 36.780, 332.873



50, 8.352, 316.769



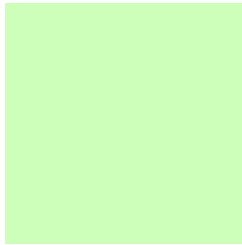
36, 96.102, 318.001



9, 43.956, 319.111

Previews

White Background



This preview shows how the CIE LCh color 95, 39.042, 135.088 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, 39.042, 135.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

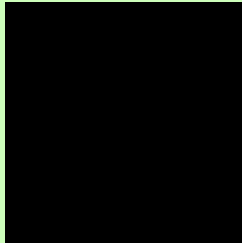
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

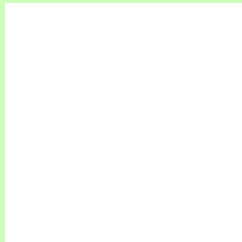
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 39.042, 135.088

Background



This preview shows how black text looks on a background with the CIELCh color 95, 39.042, 135.088.

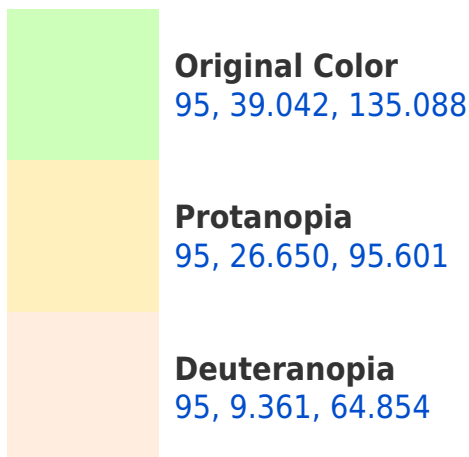


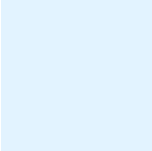
This preview shows how white text looks on a background with the CIELCh color 95, 39.042, 135.088.

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



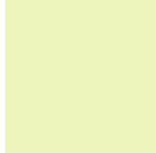


Tritanopia
95, 8.345, 246.963

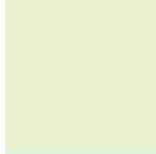
Trichromacy



Original Color
95, 39.042, 135.088



Protanomaly
95, 29.124, 113.901

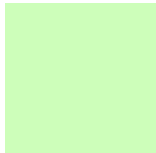


Deuteranomaly
95, 17.012, 116.333

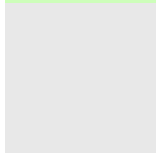


Tritanomaly
95, 13.516, 158.382

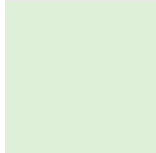
Monochromacy



Original Color
95, 39.042, 135.088



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 14.461, 135.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 39.042, 135.088 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(205, 254, 186)` looks like.

```
.text, #text, p{  
    color:rgb(205, 254, 186)  
}
```

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(205, 254, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 254, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 39.042, 135.088 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(205, 254, 186) }
```

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

```
.border{ border-color:rgb(205, 254, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 254, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 254, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 254, 186);  
box-shadow:4px 4px 4px 4px rgb(205, 254,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 39.042, 135.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 254, 186) }
```

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

```
.background{ background-color: rgb(205,  
254, 186) }
```

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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