

Converting Colors

CIELCh(95, 39.556, 133.849)

Have a look what the booklet for
CIELCh(95, 39.556, 133.849)
contains.

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Color

CIELCh(95, 39.600, 133.530)

Conversions

Conversions Part 1

Format	Color
Hex	CFFEB8
RGB	207, 254, 184
RGB Percent	81%, 100%, 72%
CMY	0.1882, 0.0039, 0.2784
CMYK	0.19, 0.00, 0.28, 0.00
HSL	100°, 97%, 86%
HSV	100°, 28%, 100%
XYZ	69.8332, 87.6183, 58.5845
YIQ	231.9670, -5.5420, -31.7340

Conversions

Conversions Part 2

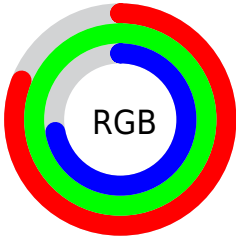
Format	Color
RYB	184, 254, 231
Decimal	13631160
CIELab	95.00, -27.27, 28.71
CIELCh	95, 39.600, 133.530
Yxy	87.6183, 0.3232, 0.4056
Android (android.graphics.Color)	4291821240 (0xFFCFFEB8)
YUV	231.9670, -23.6477, -21.8961
Hunter-Lab	93.6047, -30.6394, 28.4154

Details

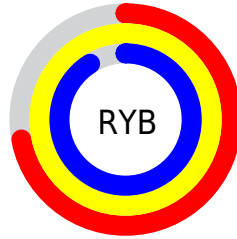
The CIELCh color **95, 39.600, 133.530** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 40.534, 316.014**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **75, 39.696, 133.218** is the 20% darker color. If you saturate the color by 10%, you get **94, 53.773, 132.992**, and if you desaturate by 10%, it is **97, 25.227, 134.044**.

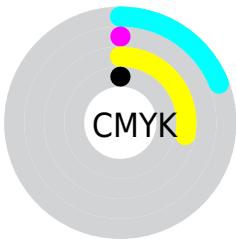
Distribution



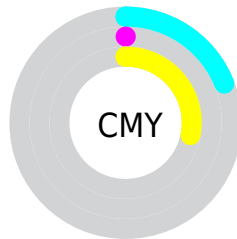
- Red (81%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 39.600, 133.530 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, 39.600, 133.530 by changing the saturation by 10% instead.


 95, 39.600,
133.530


 95, 39.600,
133.530


 100, 39.600,
133.530


 85, 39.600,
133.530

 75, 39.600,
133.530

 65, 39.600,
133.530

 55, 39.600,
133.530

 45, 39.600,
133.530

 35, 39.600,
133.530

 25, 39.600,

133.530

■ 15, 39.600,
133.530

■ 5, 39.600, 133.530

■ 95, 39.600,
133.530

■ 95, 39.600,
133.530

■ 94, 53.773,
132.992

■ 97, 25.227,
134.044

■ 92, 67.495,
132.456

■ 98, 10.821,
134.521

■ 91, 80.426,
131.975

100, 0.620,
323.964

■ 90, 92.094,
131.636

■ 90, 101.900,
131.561

■ 89, 109.230,
131.881

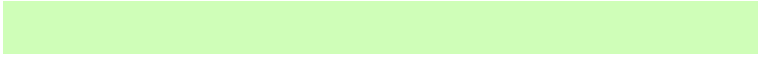
■ 88, 113.786,
132.656

■ 88, 114.639,
132.861

Harmonies

Complementary

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



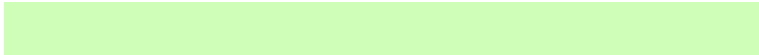
95, 39.600, 133.530



81, 40.534, 316.014

Rectangle

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



95, 39.600, 133.530



95, 39.600, 183.530



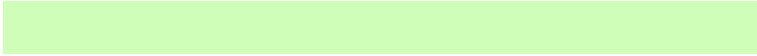
95, 39.600, 313.530



95, 39.600, 3.530

Sweetspot

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



95, 39.602, 133.531



99, 11.492, 134.501



92, 25.682, 87.552



52, 8.173, 134.430



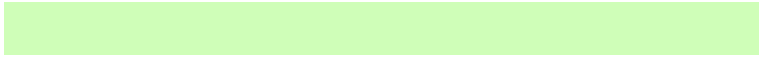
0, 0.000, 0.000



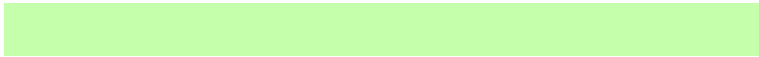
53, 0.007, 296.813

Same Dimension

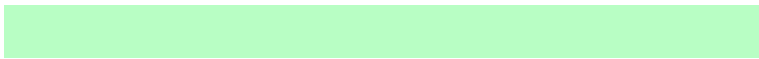
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 39.602, 133.531



95, 47.500, 133.239



94, 39.071, 147.351



52, 8.173, 134.430



68, 92.352, 132.632



23, 41.028, 131.436

Inverse Universe

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



81, 40.534, 316.014



78, 48.845, 316.256



83, 39.189, 331.110



49, 8.247, 315.207



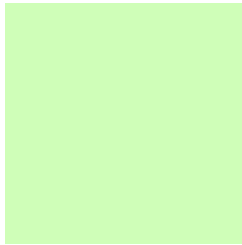
35, 96.988, 316.454



8, 44.287, 317.690

Previews

White Background



This preview shows how the CIE LCh color 95, 39.600, 133.530 looks on a white background.

Color Contrast Check

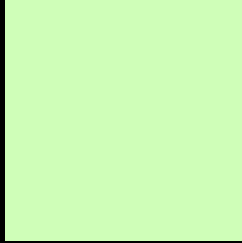
Large Text (above 18pt) WCAG AA × Fail

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, 39.600, 133.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

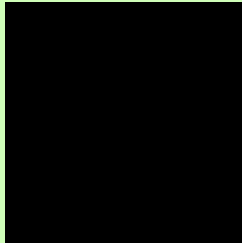
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

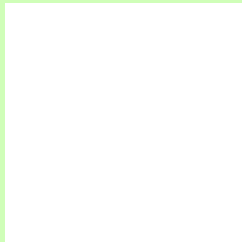
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 39.600, 133.530

Background



This preview shows how black text looks on a background with the CIELCh color 95, 39.600, 133.530.

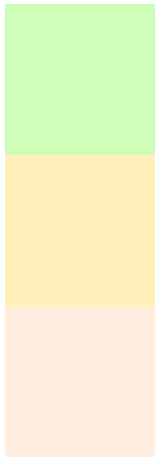


This preview shows how white text looks on a background with the CIELCh color 95, 39.600, 133.530.

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, 39.600, 133.530

Protanopia
95, 27.146, 95.777

Deuteranopia
95, 9.361, 64.854

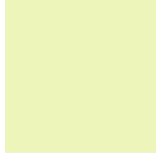


Tritanopia
95, 8.311, 252.920

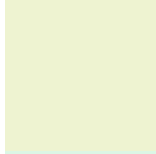
Trichromacy



Original Color
95, 39.600, 133.530



Protanomaly
95, 29.582, 113.039

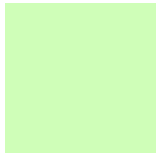


Deuteranomaly
95, 17.469, 114.892

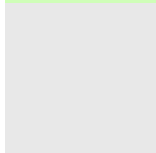


Tritanomaly
95, 12.748, 155.460

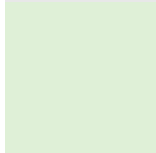
Monochromacy



Original Color
95, 39.600, 133.530



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 14.296, 134.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 39.600, 133.530 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(207, 254, 184)` looks like.

```
.text, #text, p{  
    color:rgb(207, 254, 184)  
}
```

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(207, 254, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 254, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 39.600, 133.530 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(207, 254, 184) }
```

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

```
.border{ border-color:rgb(207, 254, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 254, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 254, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 254, 184);  
box-shadow:4px 4px 4px 4px rgb(207, 254,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 39.600, 133.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 254, 184) }
```

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

```
.background{ background-color: rgb(207,  
254, 184) }
```

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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