

Converting Colors

CIELCh(95, 40.289, 133.321)

Have a look what the booklet for
CIELCh(95, 40.289, 133.321)
contains.

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Color

CIELCh(95, 40.052, 133.212)

Conversions

Conversions Part 1

Format	Color
Hex	CFFEB7
RGB	207, 254, 183
RGB Percent	81%, 100%, 72%
CMY	0.1880, 0.0037, 0.2821
CMYK	0.19, 0.00, 0.28, 0.00
HSL	100°, 97%, 86%
HSV	100°, 28%, 100%
XYZ	69.7637, 87.6183, 58.0670
YIQ	231.8530, -5.2210, -32.0450

Conversions

Conversions Part 2

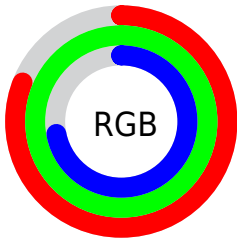
Format	Color
RYB	183, 254, 230
Decimal	13631159
CIELab	95.00, -27.42, 29.19
CIElCh	95, 40.052, 133.212
Yxy	87.6183, 0.3238, 0.4067
Android (android.graphics.Color)	4291821239 (0xFFCFFEB7)
YUV	231.8530, -24.0845, -21.7961
Hunter-Lab	93.6047, -30.7719, 28.7431

Details

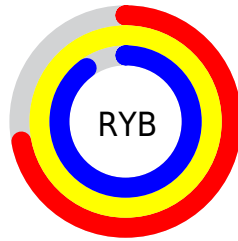
The CIELCh color **95, 40.052, 133.212** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 41.045, 315.729**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **75, 39.696, 133.218** is the 20% darker color. If you saturate the color by 10%, you get **94, 54.174, 132.679**, and if you desaturate by 10%, it is **97, 25.723, 133.723**.

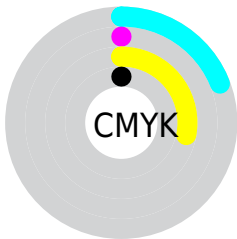
Distribution



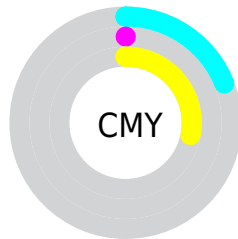
- Red (81%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (90%)



- 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, 40.052, 133.212 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, 40.052, 133.212 by changing the saturation by 10% instead.


 95, 40.052,
133.212


 95, 40.052,
133.212


 100, 40.052,
133.212


 85, 40.052,
133.212

 75, 40.052,
133.212

 65, 40.052,
133.212

 55, 40.052,
133.212

 45, 40.052,
133.212

 35, 40.052,
133.212

 25, 40.052,

133.212

■ 15, 40.052,
133.212

■ 5, 40.052, 133.212

■ 95, 40.052,
133.212

■ 95, 40.052,
133.212

■ 94, 54.174,
132.679

■ 97, 25.723,
133.723

■ 92, 67.836,
132.152

■ 98, 11.353,
134.200

■ 91, 80.695,
131.686

100, 0.588,
323.936

■ 90, 92.278,
131.369

■ 90, 101.983,
131.325

■ 89, 109.203,
131.683

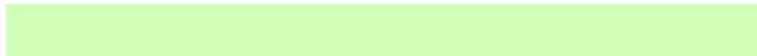
■ 88, 113.675,
132.495

■ 88, 114.395,
132.671

Harmonies

Complementary

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



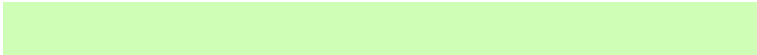
95, 40.052, 133.212



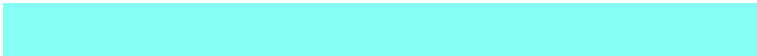
81, 41.045, 315.729

Rectangle

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



95, 40.052, 133.212



95, 40.052, 183.212



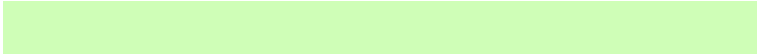
95, 40.052, 313.212



95, 40.052, 3.212

Sweetspot

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



95, 40.054, 133.213



99, 11.462, 134.197



92, 25.692, 86.118



52, 8.152, 134.127



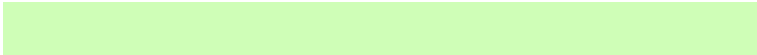
0, 0.000, 0.000



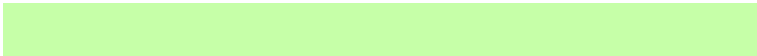
53, 0.007, 296.813

Same Dimension

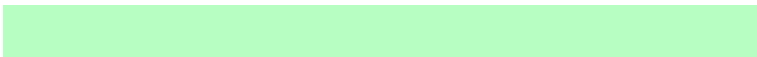
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 40.054, 133.213



94, 48.783, 132.891



94, 40.107, 146.785



52, 8.152, 134.127



68, 92.138, 132.438



23, 40.928, 131.213

Inverse Universe

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



81, 41.045, 315.729



77, 50.260, 315.999



83, 40.205, 330.558



49, 8.227, 314.903



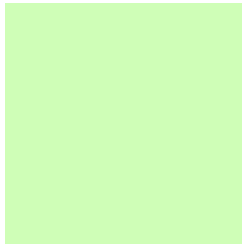
35, 97.167, 316.168



8, 44.349, 317.422

Previews

White Background



This preview shows how the CIELCh color 95, 40.052, 133.212 looks on a white background.

Color Contrast Check

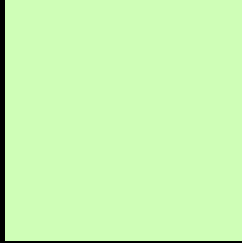
Large Text (above 18pt) WCAG AA × Fail

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, 40.052, 133.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

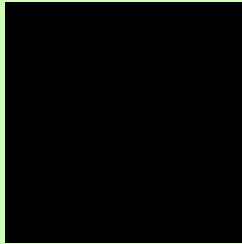
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

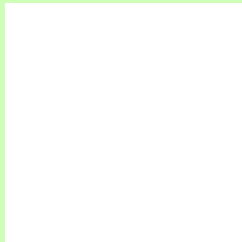
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 40.052, 133.212

Background



This preview shows how black text looks on a background with the CIELCh color 95, 40.052, 133.212.

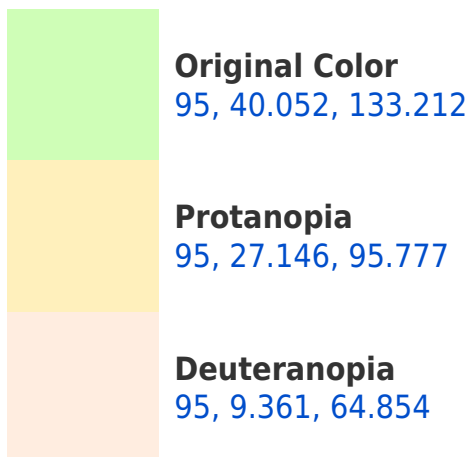


This preview shows how white text looks on a background with the CIELCh color 95, 40.052, 133.212.

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



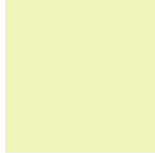


Tritanopia
95, 8.311, 252.920

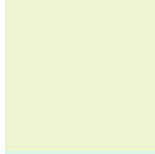
Trichromacy



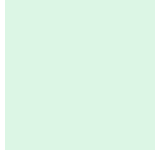
Original Color
95, 40.052, 133.212



Protanomaly
95, 30.081, 112.920



Deuteranomaly
95, 17.469, 114.892

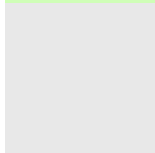


Tritanomaly
95, 12.748, 155.460

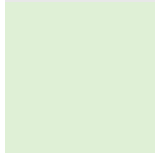
Monochromacy



Original Color
95, 40.052, 133.212



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 14.762, 133.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 40.052, 133.212 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(207, 254, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 254, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 40.052, 133.212 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, 183) }
```

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

```
.border{ border-color:rgb(207, 254, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 254, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 254, 183);  
box-shadow:4px 4px 4px 4px rgb(207, 254,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 40.052, 133.212 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, 183) }
```

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

```
.background{ background-color: rgb(207,  
254, 183) }
```

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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