

Converting Colors

CIELCh(95, 33.000, 141.773)

Have a look what the booklet for
CIELCh(95, 33.000, 141.773)
contains.

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Color

CIELCh(95, 33.264, 141.662)

Conversions

Conversions Part 1

Format	Color
Hex	CBFEC8
RGB	203, 254, 200
RGB Percent	80%, 100%, 78%
CMY	0.2045, 0.0045, 0.2163
CMYK	0.20, 0.00, 0.21, 0.00
HSL	117°, 96%, 89%
HSV	117°, 21%, 100%
XYZ	70.3838, 87.6183, 67.7515
YIQ	232.5950, -13.0620, -27.6060

Conversions

Conversions Part 2

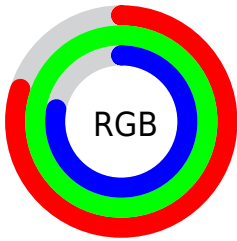
Format	Color
R_{YB}	200, 254, 251
Decimal	13369032
CIE _{Lab}	95.00, -26.09, 20.63
CIE _{LCh}	95, 33.264, 141.662
Yxy	87.6183, 0.3118, 0.3881
Android (android.graphics.Color)	4291559112 (0xFFC _B FEC8)
YUV	232.5950, -16.0693, -25.9548
Hunter-Lab	93.6047, -29.5893, 22.6089

Details

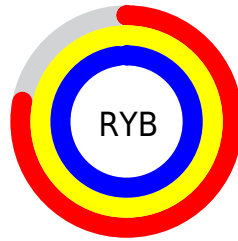
The CIELCh color **95, 33.264, 141.662** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 33.361, 324.038**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 33.136, 141.754** is the 20% darker color. If you saturate the color by 10%, you get **93, 48.853, 140.891**, and if you desaturate by 10%, it is **97, 17.561, 142.334**.

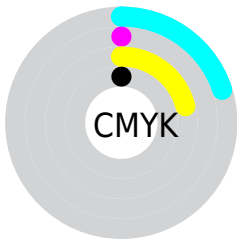
Distribution



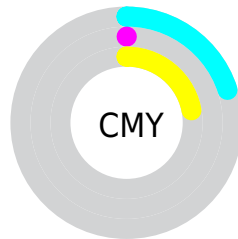
- Red (80%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 33.264, 141.662 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, 33.264, 141.662 by changing the saturation by 10% instead.


 95, 33.264,
141.662


 95, 33.264,
141.662


 100, 33.264,
141.662


 85, 33.264,
141.662

 75, 33.264,
141.662

 65, 33.264,
141.662

 55, 33.264,
141.662

 45, 33.264,
141.662

 35, 33.264,
141.662

 25, 33.264,

141.662

■ 15, 33.264,
141.662

■ 5, 33.264, 141.662

■ 95, 33.264,
141.662

■ 95, 33.264,
141.662

■ 93, 48.853,
140.891

■ 97, 17.561,
142.334

■ 92, 64.027,
140.018

■ 99, 1.957, 143.033

■ 90, 78.398,
139.061

100, 0.727,
324.042

■ 89, 91.471,
138.069

■ 88, 102.642,
137.134

■ 88, 111.244,
136.391

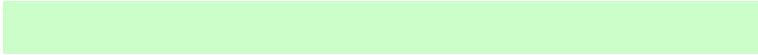
■ 88, 116.734,
135.975

■ 87, 119.104,
135.856

Harmonies

Complementary

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



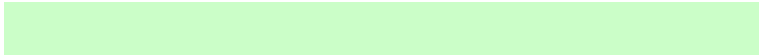
95, 33.264, 141.662



86, 33.361, 324.038

Rectangle

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



95, 33.264, 141.662



95, 33.264, 191.662



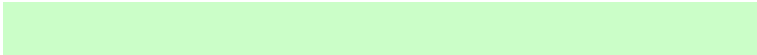
95, 33.264, 321.662



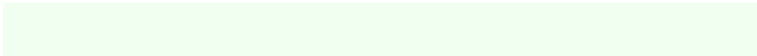
95, 33.264, 11.662

Sweetspot

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



95, 33.266, 141.662



99, 9.347, 142.658



98, 25.549, 105.162



52, 6.203, 142.618



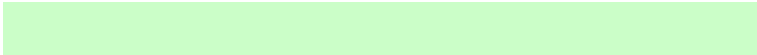
0, 0.000, 0.000



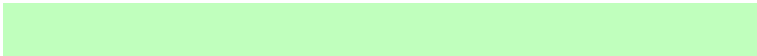
53, 0.007, 296.813

Same Dimension

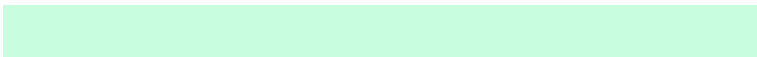
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 33.266, 141.662



94, 40.818, 141.310



95, 24.671, 158.424



52, 8.881, 142.444



68, 96.182, 135.796



23, 43.371, 136.011

Inverse Universe

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



86, 33.361, 324.038



84, 40.941, 324.280



86, 25.147, 341.982



50, 8.903, 323.420



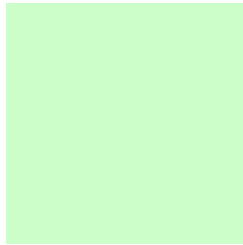
44, 93.364, 326.053



12, 42.932, 326.312

Previews

White Background



This preview shows how the CIELCh color 95, 33.264, 141.662 looks on a white background.

Color Contrast Check

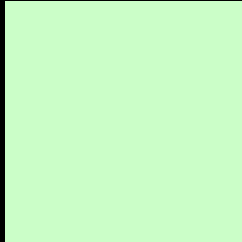
Large Text (above 18pt) WCAG AA × Fail

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, 33.264, 141.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

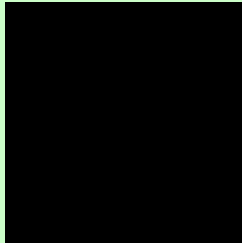
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

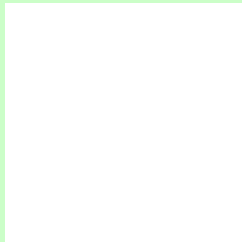
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 33.264, 141.662

Background



This preview shows how black text looks on a background with the CIELCh color 95, 33.264, 141.662.

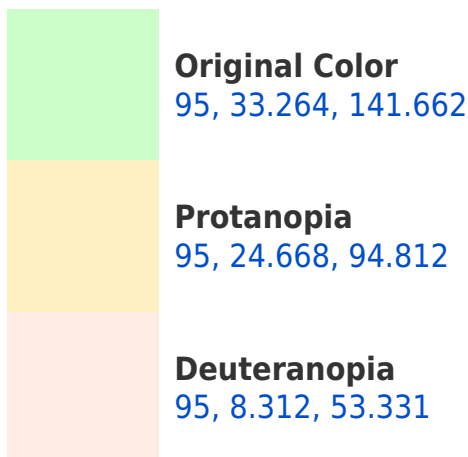


This preview shows how white text looks on a background with the CIELCh color 95, 33.264, 141.662.

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



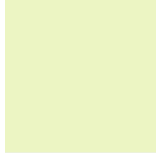


Tritanopia
95, 8.571, 245.311

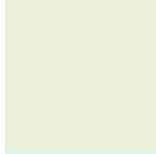
Trichromacy



Original Color
95, 33.264, 141.662



Protanomaly
95, 25.678, 115.766

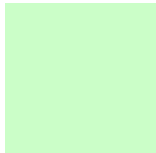


Deuteranomaly
94, 12.991, 118.875

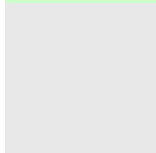


Tritanomaly
95, 12.218, 168.349

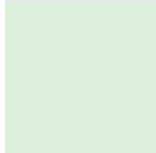
Monochromacy



Original Color
95, 33.264, 141.662



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 12.404, 142.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 33.264, 141.662 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(203, 254, 200)` looks like.

```
.text, #text, p{  
    color:rgb(203, 254, 200)  
}
```

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(203, 254, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 254, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 33.264, 141.662 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(203, 254, 200) }
```

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

```
.border{ border-color:rgb(203, 254, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 254, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 254, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 254, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 254,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 33.264, 141.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 254, 200) }
```

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

```
.background{ background-color: rgb(203,  
254, 200) }
```

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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