

Converting Colors

CIELCh(95, 35.805, 141.264)

Have a look what the booklet for
CIELCh(95, 35.805, 141.264)
contains.

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Color

CIElCh(95, 36.181, 141.213)

Conversions

Conversions Part 1

Format	Color
Hex	C8FFC4
RGB	200, 255, 196
RGB Percent	78%, 100%, 77%
CMY	0.2165, 0.0008, 0.2321
CMYK	0.22, 0.00, 0.23, 0.00
HSL	116°, 99%, 88%
HSV	116°, 23%, 100%
XYZ	69.4029, 87.6183, 65.3624
YIQ	231.8290, -13.8410, -30.0090

Conversions

Conversions Part 2

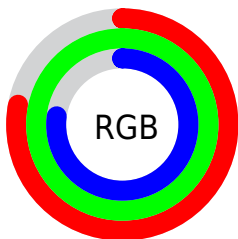
Format	Color
RYB	196, 255, 251
Decimal	13172676
CIELab	95.00, -28.20, 22.66
CIELCh	95, 36.181, 141.213
Yxy	87.6183, 0.3121, 0.3940
Android (android.graphics.Color)	4291362756 (0xFFC8FFC4)
YUV	231.8290, -17.6637, -27.9140
Hunter-Lab	93.6047, -31.4598, 24.1222

Details

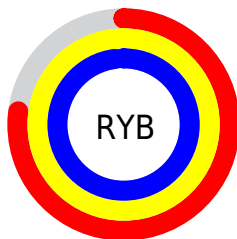
The CIELCh color **95, 36.181, 141.213** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 36.311, 323.782**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **75, 36.172, 141.213** is the 20% darker color. If you saturate the color by 10%, you get **93, 51.708, 140.439**, and if you desaturate by 10%, it is **97, 20.496, 141.890**.

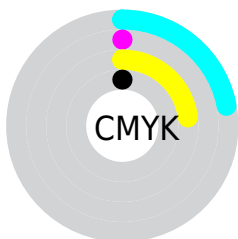
Distribution



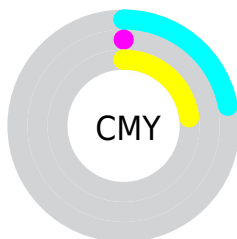
- Red (78%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 36.181, 141.213 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, 36.181, 141.213 by changing the saturation by 10% instead.


 95, 36.181,
141.213


 95, 36.181,
141.213


 100, 36.181,
141.213


 85, 36.181,
141.213


 75, 36.181,
141.213

 65, 36.181,
141.213

 55, 36.181,
141.213

 45, 36.181,
141.213

 35, 36.181,
141.213

 25, 36.181,

141.213

■ 15, 36.181,
141.213

■ 5, 36.181, 141.213

■ 95, 36.181,
141.213

■ 95, 36.181,
141.213

■ 93, 51.708,
140.439

■ 97, 20.496,
141.890

■ 92, 66.764,
139.569

■ 99, 4.874, 142.510

■ 90, 80.949,
138.627

100, 0.134,
322.130

■ 89, 93.749,
137.670

■ 89, 104.542,
136.801

■ 88, 112.662,
136.156

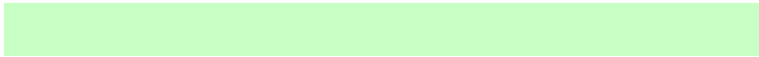
■ 88, 117.618,
135.860

■ 88, 119.370,
135.811

Harmonies

Complementary

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



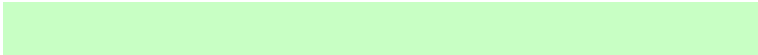
95, 36.181, 141.213



86, 36.311, 323.782

Rectangle

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



95, 36.181, 141.213



95, 36.181, 191.213



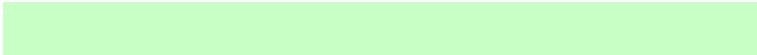
95, 36.181, 321.213



95, 36.181, 11.213

Sweetspot

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



95, 36.183, 141.213



98, 10.871, 142.267



97, 27.429, 104.161



52, 7.067, 142.231



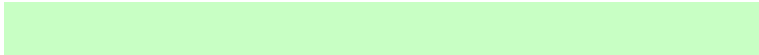
0, 0.000, 0.000



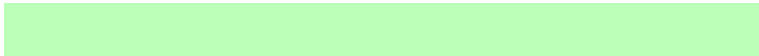
53, 0.007, 296.813

Same Dimension

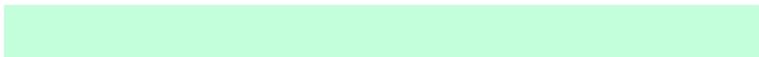
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 36.183, 141.213



94, 43.773, 140.850



95, 27.269, 157.456



52, 8.846, 142.116



68, 96.111, 135.742



23, 43.274, 135.842

Inverse Universe

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



86, 36.311, 323.782



83, 43.939, 324.025



85, 27.789, 341.315



50, 8.870, 323.077



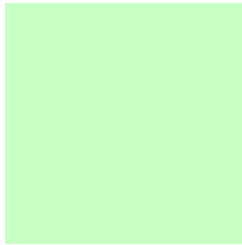
43, 93.449, 325.580



11, 42.964, 325.895

Previews

White Background



This preview shows how the CIE LCh color 95, 36.181, 141.213 looks on a white background.

Color Contrast Check

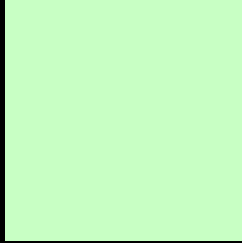
Large Text (above 18pt) WCAG AA × Fail

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, 36.181, 141.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

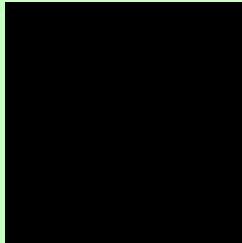
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

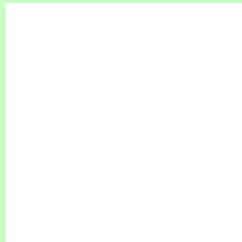
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 36.181, 141.213

Background



This preview shows how black text looks on a background with the CIELCh color 95, 36.181, 141.213.

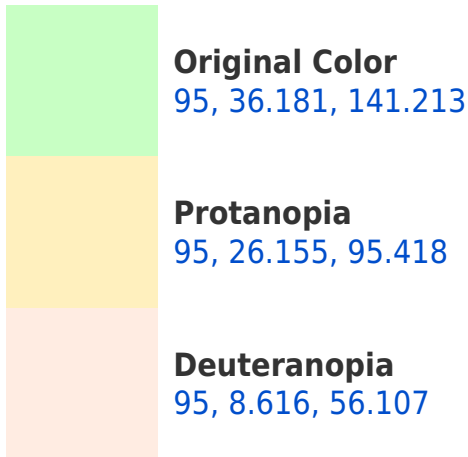


This preview shows how white text looks on a background with the CIELCh color 95, 36.181, 141.213.

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



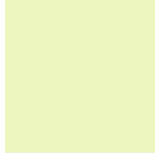


Tritanopia
95, 8.804, 243.748

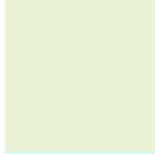
Trichromacy



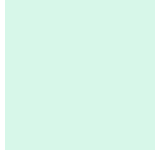
Original Color
95, 36.181, 141.213



Protanomaly
95, 27.231, 116.036



Deuteranomaly
95, 14.631, 120.589

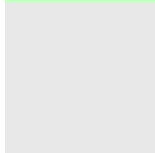


Tritanomaly
95, 13.376, 166.039

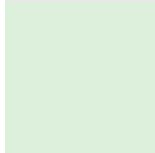
Monochromacy



Original Color
95, 36.181, 141.213



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 13.039, 142.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 36.181, 141.213 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(200, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 196)  
}
```

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(200, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 36.181, 141.213 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(200, 255, 196) }
```

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

```
.border{ border-color:rgb(200, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 36.181, 141.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 196) }
```

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

```
.background{ background-color: rgb(200,  
255, 196) }
```

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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