

Converting Colors

CIELCh(100, 48.219, 142.194)

Have a look what the booklet for
CIELCh(100, 48.219, 142.194)
contains.

CIELCh(95, 36.987, 142.900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 36.987, 142.900)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFC4
RGB	196, 255, 196
RGB Percent	77%, 100%, 77%
CMY	0.2296, 0.0000, 0.2296
CMYK	0.23, 0.00, 0.23, 0.00
HSL	120°, 100%, 89%
HSV	120°, 23%, 100%
XYZ	68.8045, 87.6183, 65.7745
YIQ	230.6330, -16.2250, -30.8570

Conversions

Conversions Part 2

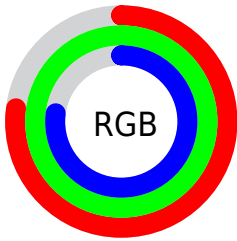
Format	Color
R_{YB}	196, 255, 255
Decimal	12910532
CIE _{Lab}	95.00, -29.50, 22.31
CIE _{LCh}	95, 36.987, 142.900
Yxy	87.6183, 0.3097, 0.3943
Android (android.graphics.Color)	4291100612 (0xFFC4FFC4)
YUV	230.6330, -17.0741, -30.3731
Hunter-Lab	93.6047, -32.6010, 23.8611

Details

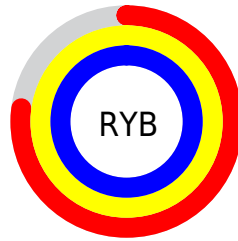
The CIELCh color **95, 36.987, 142.900** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 36.725, 325.698**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.230, 144.650**, and **75, 37.013, 142.922** is the 20% darker color. If you saturate the color by 10%, you get **93, 52.560, 142.045**, and if you desaturate by 10%, it is **97, 20.662, 143.659**.

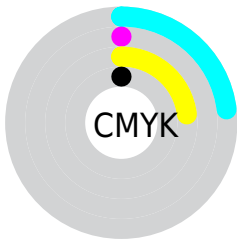
Distribution



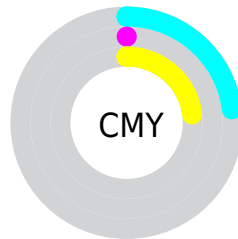
- Red (77%)
- Green (100%)
- Blue (77%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 36.987, 142.900 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, 36.987, 142.900 by changing the saturation by 10% instead.


 95, 36.987,
142.900


 95, 36.987,
142.900


 100, 36.987,
142.900


 85, 36.987,
142.900

 75, 36.987,
142.900

 65, 36.987,
142.900

 55, 36.987,
142.900

 45, 36.987,
142.900

 35, 36.987,
142.900

 25, 36.987,

142.900

■ 15, 36.987,
142.900

■ 5, 36.987, 142.900

■ 95, 36.987,
142.900

■ 95, 36.987,
142.900

■ 93, 52.560,
142.045

■ 97, 20.662,
143.659

■ 92, 67.878,
141.055

■ 99, 4.683, 144.338

■ 90, 82.219,
139.958

100, 0.012,
296.813

■ 89, 95.043,
138.808

■ 89, 105.716,
137.705

■ 88, 113.586,
136.795

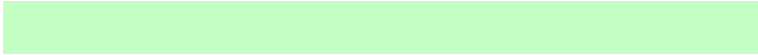
■ 88, 118.205,
136.219

■ 88, 119.778,
136.016

Harmonies

Complementary

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



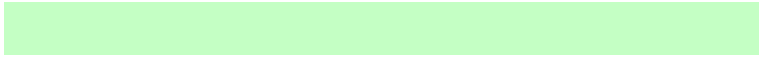
95, 36.987, 142.900



86, 36.725, 325.698

Rectangle

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



95, 36.987, 142.900



95, 36.987, 192.900



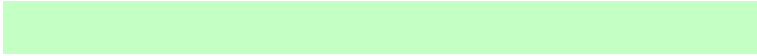
95, 36.987, 322.900



95, 36.987, 12.900

Sweetspot

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



95, 36.707, 142.912



98, 11.113, 144.059



98, 29.041, 107.234



52, 7.224, 144.019



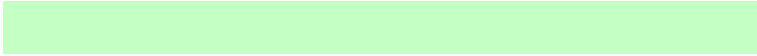
0, 0.000, 0.000



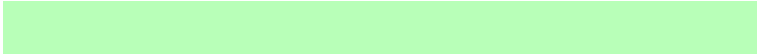
53, 0.007, 296.813

Same Dimension

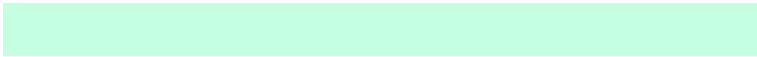
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 36.707, 142.912



94, 44.736, 142.491



95, 25.711, 160.723



52, 9.043, 143.894



68, 96.474, 136.016



22, 43.825, 136.775

Inverse Universe

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



86, 36.725, 325.698



83, 44.737, 325.971



85, 26.404, 344.793



50, 9.056, 324.944



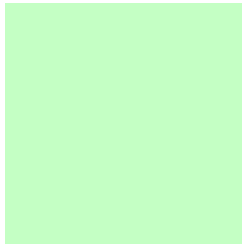
45, 93.083, 328.229



12, 42.823, 328.229

Previews

White Background



This preview shows how the CIE LCh color 95, 36.987, 142.900 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, 36.987, 142.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

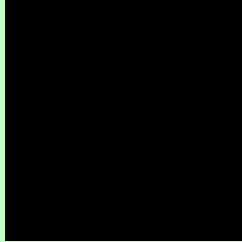
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 36.987, 142.900

Background



This preview shows how black text looks on a background with the CIELCh color 95, 36.987, 142.900.

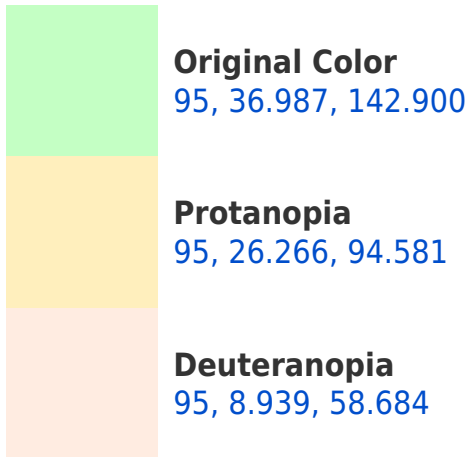


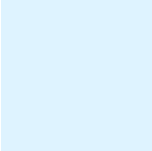
This preview shows how white text looks on a background with the CIELCh color 95, 36.987, 142.900.

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](#).

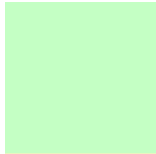
Dichromacy



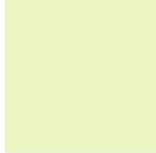


Tritanopia
95, 9.285, 240.868

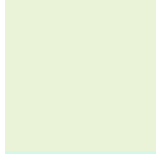
Trichromacy



Original Color
95, 36.987, 142.900



Protanomaly
95, 27.291, 116.813

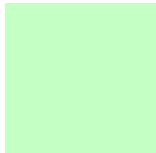


Deuteranomaly
95, 14.713, 121.968

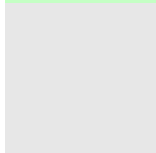


Tritanomaly
95, 13.671, 169.277

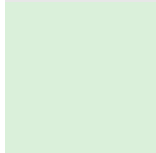
Monochromacy



Original Color
95, 36.987, 142.900



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 13.878, 143.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 36.987, 142.900 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(196, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 255, 196) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 95, 36.987, 142.900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

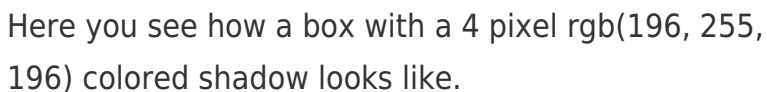
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 255, 196) }
```

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

```
.border{ border-color:rgb(196, 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(196, 255, 196)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 95, 36.987, 142.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(196,  
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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