

Converting Colors

CIELCh(95, 33.518, 152.140)

Have a look what the booklet for
CIELCh(95, 33.518, 152.140)
contains.

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Color

CIElCh(95, 33.030, 151.971)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFD2
RGB	191, 255, 210
RGB Percent	75%, 100%, 82%
CMY	0.2523, 0.0000, 0.1778
CMYK	0.25, 0.00, 0.18, 0.00
HSL	138°, 100%, 87%
HSV	138°, 25%, 100%
XYZ	68.9629, 87.6183, 74.0211
YIQ	230.7340, -23.6990, -27.5630

Conversions

Conversions Part 2

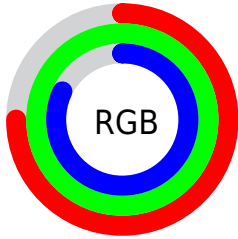
Format	Color
RYB	191, 240, 255
Decimal	12582866
CIELab	95.00, -29.16, 15.52
CIELCh	95, 33.030, 151.971
Yxy	87.6183, 0.2991, 0.3800
Android (android.graphics.Color)	4290772946 (0xFFBFFFD2)
YUV	230.7340, -10.2219, -34.8467
Hunter-Lab	93.6047, -32.2989, 18.6376

Details

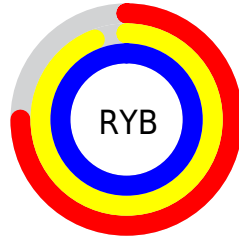
The CIELCh color **95, 33.030, 151.971** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 32.935, 335.899**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **75, 32.634, 151.990** is the 20% darker color. If you saturate the color by 10%, you get **93, 45.372, 151.095**, and if you desaturate by 10%, it is **97, 19.684, 152.993**.

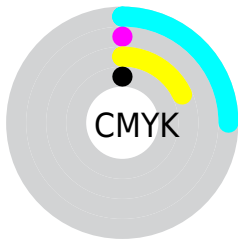
Distribution



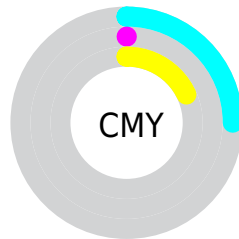
- Red (75%)
- Green (100%)
- Blue (82%)



- Red (75%)
- Yellow (94%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 33.030, 151.971 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, 33.030, 151.971 by changing the saturation by 10% instead.


 95, 33.030,
151.971


 95, 33.030,
151.971


 100, 33.030,
151.971


 85, 33.030,
151.971

 75, 33.030,
151.971

 65, 33.030,
151.971

 55, 33.030,
151.971

 45, 33.030,
151.971

 35, 33.030,
151.971

 25, 33.030,

151.971

■ 15, 33.030,
151.971

■ 5, 33.030, 151.971

■ 95, 33.030,
151.971

■ 95, 33.030,
151.971

■ 93, 45.372,
151.095

■ 97, 19.684,
152.993

■ 92, 57.695,
149.926

■ 99, 6.727, 153.795

■ 91, 69.346,
148.581

100, 0.012,
296.813

■ 90, 80.070,
147.048

■ 89, 89.634,
145.330

■ 88, 97.859,
143.455

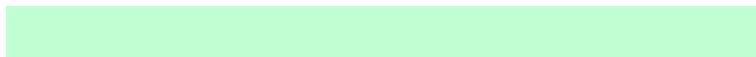
■ 88, 104.642,
141.492

■ 88, 107.414,
140.592

Harmonies

Complementary

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



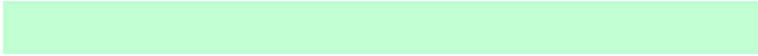
95, 33.030, 151.971



84, 32.935, 335.899

Rectangle

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



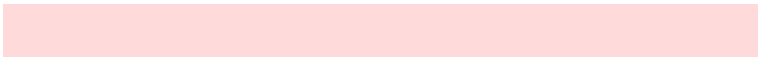
95, 33.030, 151.971



95, 33.030, 201.971



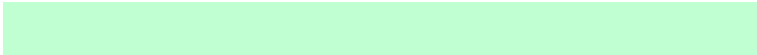
95, 33.030, 331.971



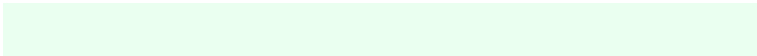
95, 33.030, 21.971

Sweetspot

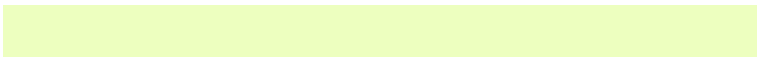
The Sweet Spot groups the original color and five complimentary colors.



95, 32.627, 152.109



98, 10.302, 153.574



97, 33.187, 119.657



52, 7.328, 153.455



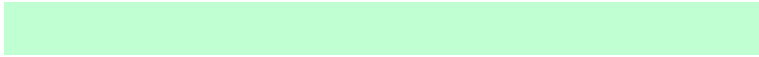
0, 0.000, 0.000



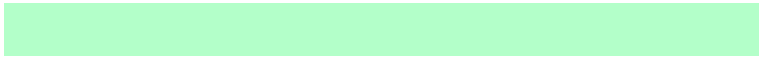
53, 0.007, 296.813

Same Dimension

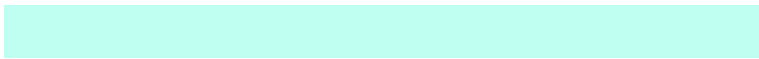
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 32.627, 152.109



94, 38.738, 151.643



96, 22.794, 179.620



52, 7.328, 153.455



68, 85.799, 140.951



23, 36.983, 143.820

Inverse Universe

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



84, 32.935, 335.899



81, 39.141, 336.277



83, 25.177, 4.716



50, 7.365, 334.715



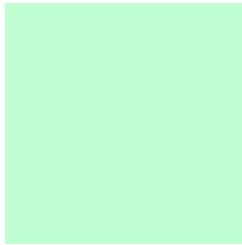
43, 74.542, 344.588



11, 35.115, 342.065

Previews

White Background



This preview shows how the CIE LCh color 95, 33.030, 151.971 looks on a white background.

Color Contrast Check

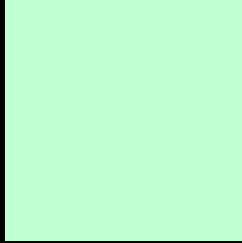
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 33.030, 151.971 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

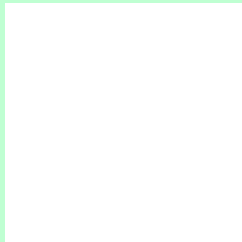
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 33.030, 151.971

Background



This preview shows how black text looks on a background with the CIELCh color 95, 33.030, 151.971.

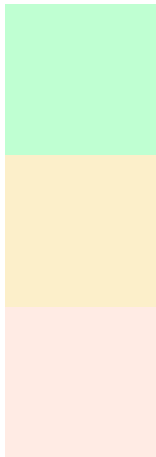


This preview shows how white text looks on a background with the CIELCh color 95, 33.030, 151.971.

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, 32.412, 152.184

Protanopia
95, 19.544, 94.125

Deuteranopia
94, 8.108, 45.971

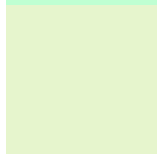


Tritanopia
95, 10.017, 233.480

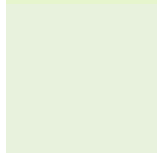
Trichromacy



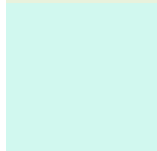
Original Color
95, 32.412, 152.184



Protanomaly
95, 21.183, 123.745



Deuteranomaly
94, 11.379, 127.851



Tritanomaly
95, 14.235, 179.511

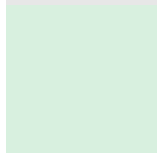
Monochromacy



Original Color
95, 32.412, 152.184



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 12.307, 153.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 33.030, 151.971 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(191, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 210)  
}
```

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(191, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 33.030, 151.971 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(191, 255, 210) }
```

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

```
.border{ border-color:rgb(191, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 33.030, 151.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 210) }
```

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

```
.background{ background-color: rgb(191,  
255, 210) }
```

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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