

Converting Colors

CIELCh(95, 31.456, 153.254)

Have a look what the booklet for
CIELCh(95, 31.456, 153.254)
contains.

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Color

CIELCh(95, 31.411, 153.032)

Conversions

Conversions Part 1

Format	Color
Hex	C0FFD4
RGB	192, 255, 212
RGB Percent	75%, 100%, 83%
CMY	0.2464, 0.0000, 0.1680
CMYK	0.25, 0.00, 0.17, 0.00
HSL	139°, 100%, 88%
HSV	139°, 25%, 100%
XYZ	69.4987, 87.6183, 75.6451
YIQ	231.2610, -23.7450, -26.7290

Conversions

Conversions Part 2

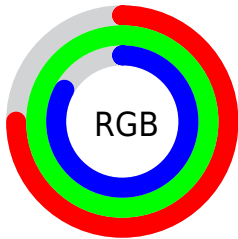
Format	Color
RYB	192, 240, 255
Decimal	12648404
CIELab	95.00, -28.00, 14.24
CIELCh	95, 31.411, 153.032
Yxy	87.6183, 0.2986, 0.3764
Android (android.graphics.Color)	4290838484 (0xFFC0FFD4)
YUV	231.2610, -9.4957, -34.4319
Hunter-Lab	93.6047, -31.2772, 17.6090

Details

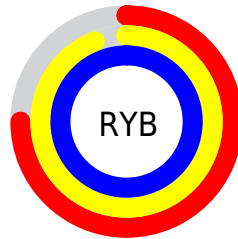
The CIELCh color **95, 31.411, 153.032** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 31.651, 336.840**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **75, 31.589, 152.891** is the 20% darker color. If you saturate the color by 10%, you get **93, 43.837, 152.054**, and if you desaturate by 10%, it is **97, 18.590, 153.962**.

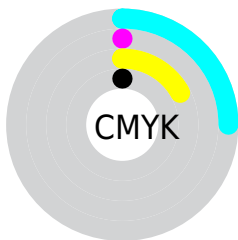
Distribution



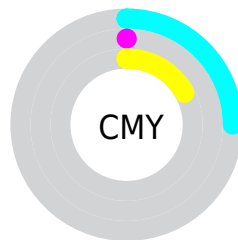
- Red (75%)
- Green (100%)
- Blue (83%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 31.411, 153.032 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, 31.411, 153.032 by changing the saturation by 10% instead.


 95, 31.411,
153.032


 95, 31.411,
153.032


 100, 31.411,
153.032


 85, 31.411,
153.032

 75, 31.411,
153.032

 65, 31.411,
153.032

 55, 31.411,
153.032

 45, 31.411,
153.032

 35, 31.411,
153.032

 25, 31.411,

153.032

■ 15, 31.411,
153.032

■ 5, 31.411, 153.032

■ 95, 31.411,
153.032

■ 95, 31.411,
153.032

■ 93, 43.837,
152.054

■ 97, 18.590,
153.962

■ 92, 55.959,
150.883

■ 99, 5.861, 154.781

■ 91, 67.434,
149.536

100, 0.012,
296.813

■ 90, 78.018,
147.999

■ 89, 87.492,
146.268

■ 88, 95.691,
144.365

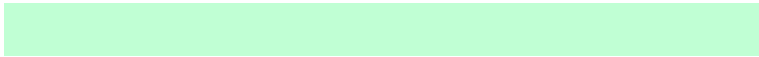
■ 88, 102.531,
142.349

■ 88, 105.690,
141.292

Harmonies

Complementary

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



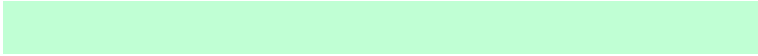
95, 31.411, 153.032



84, 31.651, 336.840

Rectangle

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



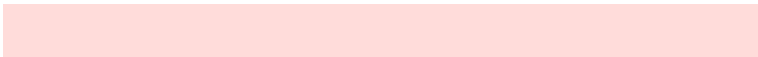
95, 31.411, 153.032



95, 31.411, 203.032



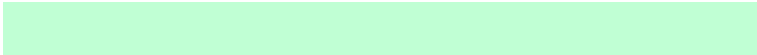
95, 31.411, 333.032



95, 31.411, 23.032

Sweetspot

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



95, 31.309, 153.072



98, 8.857, 154.584



97, 32.598, 121.021



52, 5.757, 154.535



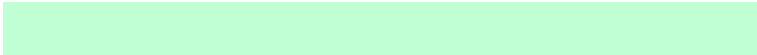
0, 0.000, 0.000



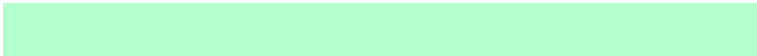
53, 0.007, 296.813

Same Dimension

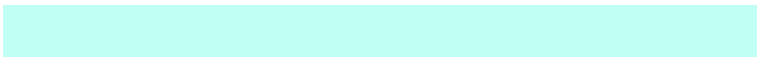
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 31.309, 153.072



94, 38.060, 152.544



96, 21.873, 182.302



52, 7.204, 154.383



68, 84.401, 141.665



23, 36.344, 144.607

Inverse Universe

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



84, 31.651, 336.840



81, 38.532, 337.281



84, 24.352, 7.145



50, 7.245, 335.668



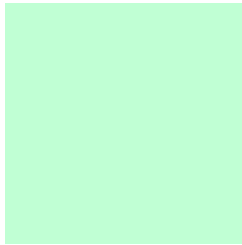
42, 73.474, 346.314



11, 34.636, 343.485

Previews

White Background



This preview shows how the CIELCh color 95, 31.411, 153.032 looks on a white background.

Color Contrast Check

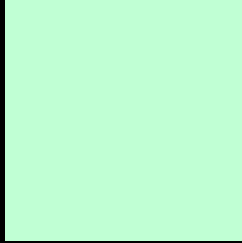
Large Text (above 18pt) WCAG AA × Fail

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, 31.411, 153.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

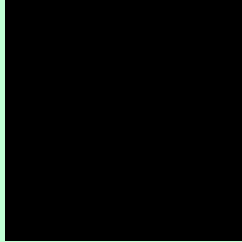
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

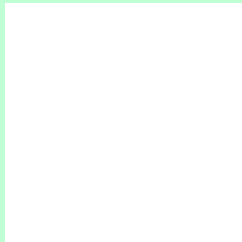
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 31.411, 153.032

Background



This preview shows how black text looks on a background with the CIELCh color 95, 31.411, 153.032.

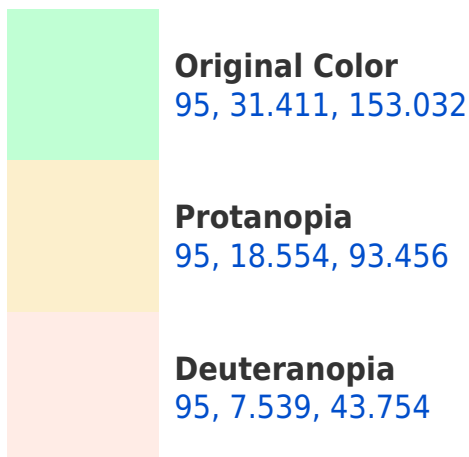


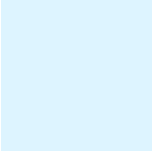
This preview shows how white text looks on a background with the CIELCh color 95, 31.411, 153.032.

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



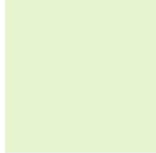


Tritanopia
95, 9.485, 235.741

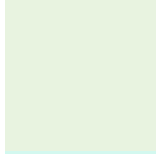
Trichromacy



Original Color
95, 31.411, 153.032



Protanomaly
95, 20.203, 124.532

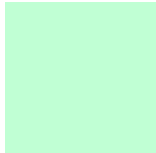


Deuteranomaly
95, 10.538, 131.462

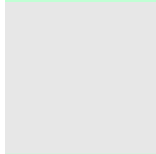


Tritanomaly
95, 13.612, 178.661

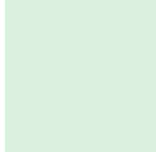
Monochromacy



Original Color
95, 31.411, 153.032



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 11.682, 153.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 31.411, 153.032 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(192, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 212)  
}
```

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(192, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 31.411, 153.032 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(192, 255, 212) }
```

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

```
.border{ border-color:rgb(192, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 31.411, 153.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 212) }
```

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

```
.background{ background-color: rgb(192,  
255, 212) }
```

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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