

Converting Colors

CIELCh(95, 15.997, 163.612)

Have a look what the booklet for
CIELCh(95, 15.997, 163.612)
contains.

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Color

CIELCh(95, 15.993, 163.114)

Conversions

Conversions Part 1

Format	Color
Hex	D4F9E7
RGB	212, 249, 231
RGB Percent	83%, 98%, 91%
CMY	0.1682, 0.0230, 0.0936
CMYK	0.15, 0.00, 0.07, 0.02
HSL	151°, 76%, 90%
HSV	151°, 15%, 98%
XYZ	75.5403, 87.6183, 88.6215
YIQ	235.8850, -16.2740, -13.4420

Conversions

Conversions Part 2

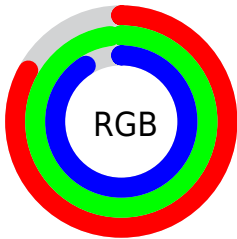
Format	Color
R _{YB}	212, 236, 249
Decimal	13957607
CIE Lab	95.00, -15.30, 4.65
CIE LCh	95, 15.993, 163.114
Yxy	87.6183, 0.3000, 0.3480
Android (android.graphics.Color)	4292147687 (0xFFD4F9E7)
YUV	235.8850, -2.4083, -20.9471
Hunter-Lab	93.6047, -19.7561, 9.3896

Details

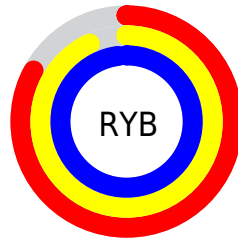
The CIELCh color **95, 15.993, 163.114** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 16.322, 345.658**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 16.476, 162.052** is the 20% darker color. If you saturate the color by 10%, you get **93, 26.656, 162.104**, and if you desaturate by 10%, it is **97, 5.222, 164.069**.

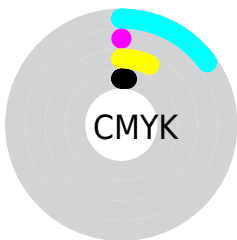
Distribution



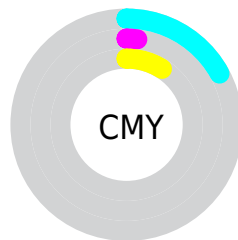
- Red (83%)
- Green (98%)
- Blue (91%)



- Red (83%)
- Yellow (93%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)





- Cyan (17%)
- Magenta (2%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 15.993, 163.114 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, 15.993, 163.114 by changing the saturation by 10% instead.


 95, 15.993,
163.114


 95, 15.993,
163.114


 100, 15.993,
163.114


 85, 15.993,
163.114

 75, 15.993,
163.114

 65, 15.993,
163.114

 55, 15.993,
163.114

 45, 15.993,
163.114

 35, 15.993,
163.114

 25, 15.993,

163.114

■ 15, 15.993,
163.114

■ 5, 15.993, 163.114

■ 95, 15.993,
163.114

■ 95, 15.993,
163.114

■ 93, 26.656,
162.104

■ 97, 5.222, 164.069

■ 92, 37.050,
160.984

■ 99, 3.656, 324.485

■ 90, 46.998,
159.723

■ 89, 56.313,
158.295

■ 88, 64.821,
156.675

■ 88, 72.384,
154.844

■ 87, 78.936,
152.794

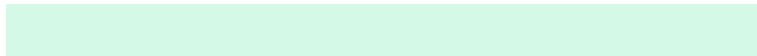
■ 87, 84.505,
150.548

■ 87, 87.090,
149.368

Harmonies

Complementary

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



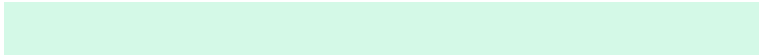
95, 15.993, 163.114



88, 16.322, 345.658

Rectangle

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



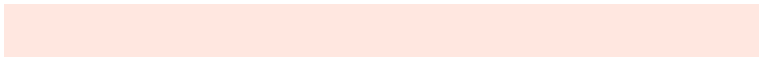
95, 15.993, 163.114



95, 15.993, 213.114



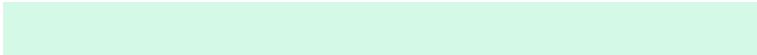
95, 15.993, 343.114



95, 15.993, 33.114

Sweetspot

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



95, 15.995, 163.111



99, 4.383, 164.161



96, 20.071, 128.401



53, 3.116, 164.079



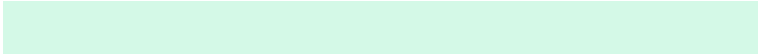
0, 0.000, 0.000



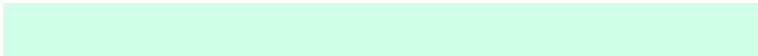
53, 0.007, 296.813

Same Dimension

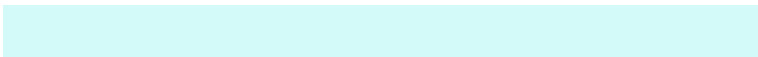
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 15.995, 163.111



96, 19.736, 162.802



95, 12.494, 198.656



51, 6.138, 163.619



67, 70.074, 149.793



22, 29.650, 153.195

Inverse Universe

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



88, 16.322, 345.658



88, 20.223, 345.969



88, 13.760, 20.382



49, 6.222, 345.147



40, 67.450, 3.356



10, 30.945, 357.285

Previews

White Background



This preview shows how the CIE LCh color 95, 15.993, 163.114 looks on a white background.

Color Contrast Check

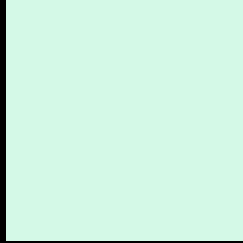
Large Text (above 18pt) WCAG AA × Fail

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, 15.993, 163.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

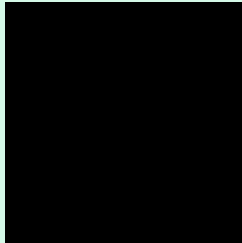
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

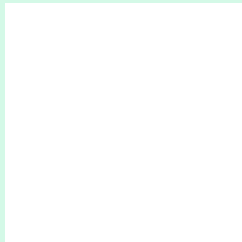
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 15.993, 163.114

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.993, 163.114.

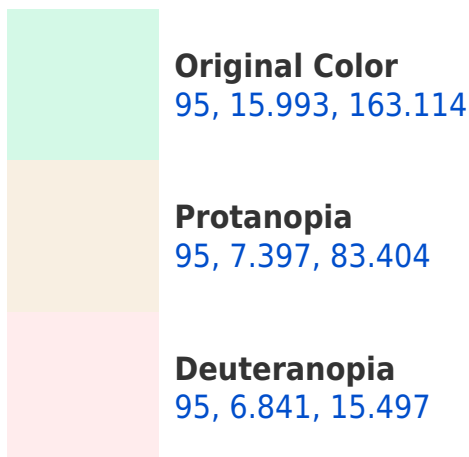


This preview shows how white text looks on a background with the CIELCh color 95, 15.993, 163.114.

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



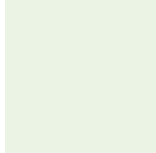


Tritanopia
95, 8.125, 248.708

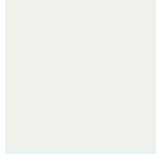
Trichromacy



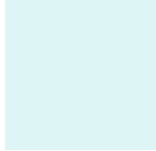
Original Color
95, 15.993, 163.114



Protanomaly
95, 8.221, 129.978



Deuteranomaly
95, 3.155, 122.937

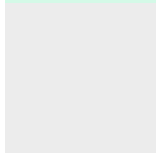


Tritanomaly
95, 7.900, 202.715

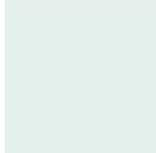
Monochromacy



Original Color
95, 15.993, 163.114



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 6.144, 163.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 15.993, 163.114 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(212, 249, 231)` looks like.

```
.text, #text, p{  
    color:rgb(212, 249, 231)  
}
```

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(212, 249, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 249, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.993, 163.114 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(212, 249, 231) }
```

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

```
.border{ border-color:rgb(212, 249, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 249, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 249, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 249, 231);  
box-shadow:4px 4px 4px 4px rgb(212, 249,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.993, 163.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 249, 231) }
```

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

```
.background{ background-color: rgb(212,  
249, 231) }
```

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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