

Converting Colors

CIELCh(95, 17.158, 165.299)

Have a look what the booklet for
CIELCh(95, 17.158, 165.299)
contains.

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Color

CIELCh(95, 17.098, 165.609)

Conversions

Conversions Part 1

Format	Color
Hex	D1FAE8
RGB	209, 250, 232
RGB Percent	82%, 98%, 91%
CMY	0.1810, 0.0202, 0.0908
CMYK	0.16, 0.00, 0.07, 0.02
HSL	154°, 80%, 90%
HSV	154°, 16%, 98%
XYZ	74.9264, 87.6183, 89.1865
YIQ	235.6890, -18.6580, -14.2900

Conversions

Conversions Part 2

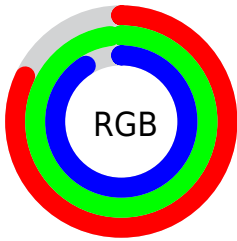
Format	Color
R _Y B	209, 235, 250
Decimal	13761256
CIE Lab	95.00, -16.56, 4.25
CIE LCh	95, 17.098, 165.609
Yxy	87.6183, 0.2976, 0.3481
Android (android.graphics.Color)	4291951336 (0xFFD1FAE8)
YUV	235.6890, -1.8187, -23.4063
Hunter-Lab	93.6047, -20.9268, 9.0318

Details

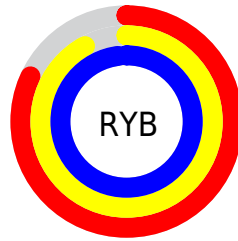
The CIELCh color **95, 17.098, 165.609** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 17.576, 348.563**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 17.006, 165.435** is the 20% darker color. If you saturate the color by 10%, you get **93, 27.342, 164.561**, and if you desaturate by 10%, it is **97, 6.691, 166.589**.

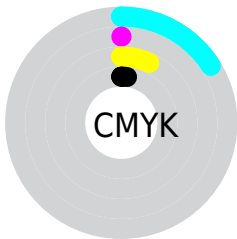
Distribution



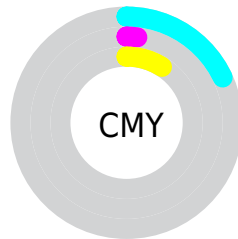
- Red (82%)
- Green (98%)
- Blue (91%)



- Red (82%)
- Yellow (92%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 17.098, 165.609 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, 17.098, 165.609 by changing the saturation by 10% instead.


 95, 17.098,
165.609


 95, 17.098,
165.609


 100, 17.098,
165.609


 85, 17.098,
165.609

 75, 17.098,
165.609

 65, 17.098,
165.609

 55, 17.098,
165.609

 45, 17.098,
165.609

 35, 17.098,
165.609

 25, 17.098,

165.609

■ 15, 17.098,
165.609

■ 5, 17.098, 165.609

■ 95, 17.098,
165.609

■ 95, 17.098,
165.609

■ 93, 27.342,
164.561

■ 97, 6.691, 166.589

■ 92, 37.261,
163.404

■ 99, 2.722, 331.832

■ 99, 3.212, 324.458

■ 91, 46.679,
162.109

■ 89, 55.419,
160.648

■ 89, 63.319,
158.997

■ 88, 70.263,
157.135

■ 87, 76.209,
155.055

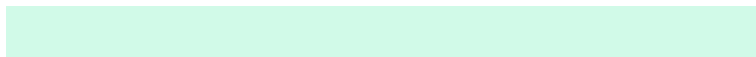
■ 87, 81.218,
152.778

■ 87, 82.877,
151.955

Harmonies

Complementary

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



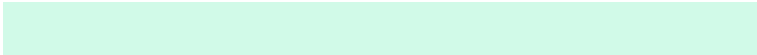
95, 17.098, 165.609



88, 17.576, 348.563

Rectangle

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



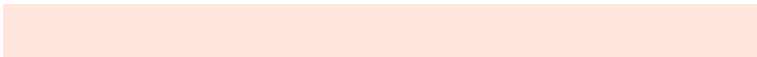
95, 17.098, 165.609



95, 17.098, 215.609



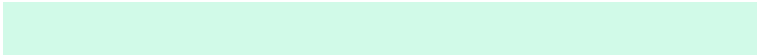
95, 17.098, 345.609



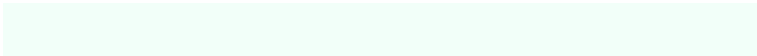
95, 17.098, 35.609

Sweetspot

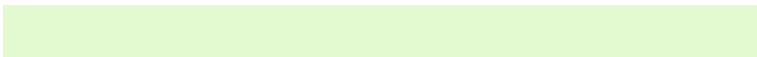
The Sweet Spot groups the original color and five complimentary colors.



95, 17.100, 165.606



99, 5.304, 166.734



96, 22.503, 130.074



53, 3.620, 166.660



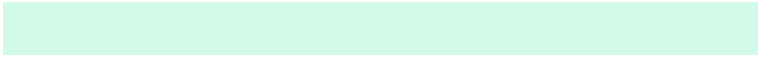
0, 0.000, 0.000



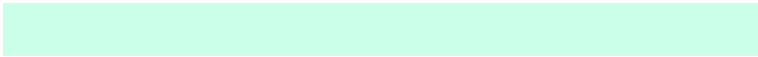
53, 0.007, 296.813

Same Dimension

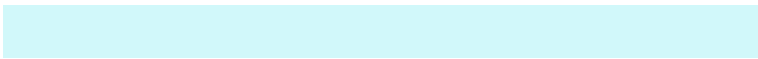
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 17.100, 165.606



96, 21.151, 165.240



95, 13.096, 203.258



51, 5.934, 166.284



68, 66.559, 152.387



22, 28.257, 155.780

Inverse Universe

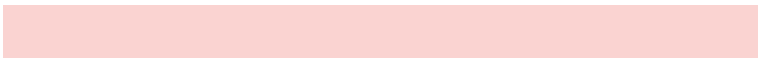
The Inverse Universe completely reimagines the original color for something new.



88, 17.576, 348.563



87, 21.871, 348.945



88, 14.613, 24.598



49, 6.033, 347.867



40, 67.342, 7.952



10, 30.624, 1.147

Previews

White Background



This preview shows how the CIE LCh color 95, 17.098, 165.609 looks on a white background.

Color Contrast Check

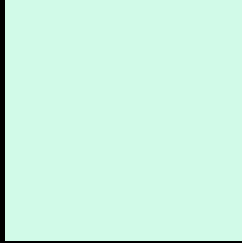
Large Text (above 18pt) WCAG AA × Fail

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, 17.098, 165.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

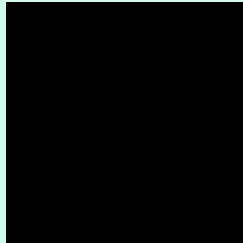
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

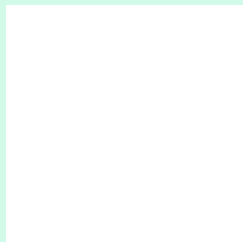
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 17.098, 165.609

Background



This preview shows how black text looks on a background with the CIELCh color 95, 17.098, 165.609.

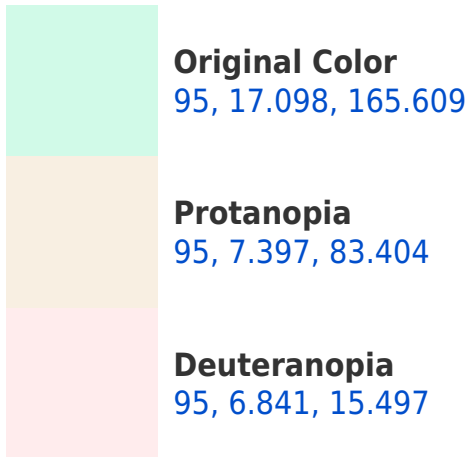


This preview shows how white text looks on a background with the CIELCh color 95, 17.098, 165.609.

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



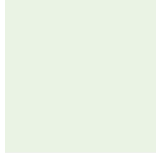


Tritanopia
95, 8.571, 245.311

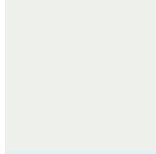
Trichromacy



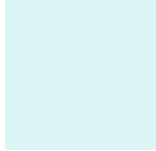
Original Color
95, 17.098, 165.609



Protanomaly
95, 8.358, 132.246



Deuteranomaly
95, 3.259, 129.002

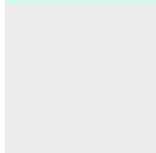


Tritanomaly
95, 8.915, 205.549

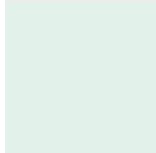
Monochromacy



Original Color
95, 17.098, 165.609



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 6.431, 165.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 17.098, 165.609 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(209, 250, 232)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 232)  
}
```

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(209, 250, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 17.098, 165.609 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(209, 250, 232) }
```

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

```
.border{ border-color:rgb(209, 250, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 250, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 232);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 17.098, 165.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 232) }
```

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

```
.background{ background-color: rgb(209,  
250, 232) }
```

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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