

Converting Colors

CIELCh(95, 19.178, 169.576)

Have a look what the booklet for
CIELCh(95, 19.178, 169.576)
contains.

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Color

CIELCh(95, 19.076, 169.187)

Conversions

Conversions Part 1

Format	Color
Hex	CBFB E9
RGB	203, 251, 233
RGB Percent	80%, 98%, 91%
CMY	0.2037, 0.0155, 0.0861
CMYK	0.19, 0.00, 0.07, 0.02
HSL	157°, 86%, 89%
HSV	157°, 19%, 98%
XYZ	73.8725, 87.6183, 90.1490
YIQ	234.5960, -22.8300, -15.7740

Conversions

Conversions Part 2

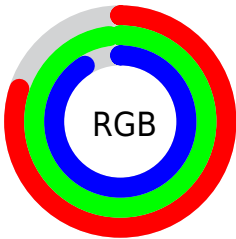
Format	Color
R _Y B	203, 233, 251
Decimal	13368297
CIE Lab	95.00, -18.74, 3.58
CIE LCh	95, 19.076, 169.187
Yxy	87.6183, 0.2936, 0.3482
Android (android.graphics.Color)	4291558377 (0xFFCBE9)
YUV	234.5960, -0.7868, -27.7097
Hunter-Lab	93.6047, -22.9365, 8.4221

Details

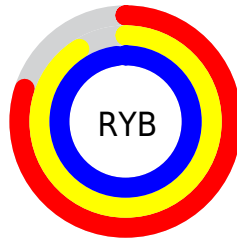
The CIELCh color **95, 19.076, 169.187** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.894, 352.844**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 19.039, 169.082** is the 20% darker color. If you saturate the color by 10%, you get **93, 28.746, 168.095**, and if you desaturate by 10%, it is **97, 9.152, 170.200**.

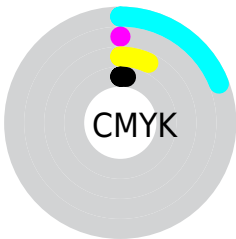
Distribution



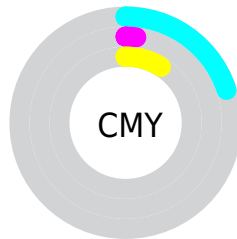
- Red (80%)
- Green (98%)
- Blue (91%)



- Red (80%)
- Yellow (91%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)





- Cyan (20%)
- Magenta (2%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 19.076, 169.187 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, 19.076, 169.187 by changing the saturation by 10% instead.


 95, 19.076,
169.187


 95, 19.076,
169.187


 100, 19.076,
169.187


 85, 19.076,
169.187

 75, 19.076,
169.187

 65, 19.076,
169.187

 55, 19.076,
169.187

 45, 19.076,
169.187

 35, 19.076,
169.187

 25, 19.076,

169.187

■ 15, 19.076,
169.187

■ 5, 19.076, 169.187

■ 95, 19.076,
169.187

■ 95, 19.076,
169.187

■ 93, 28.746,
168.095

■ 97, 9.152, 170.200

■ 92, 37.997,
166.896

■ 99, 0.891, 350.449

■ 99, 2.455, 324.401

■ 91, 46.659,
165.563

■ 90, 54.564,
164.068

■ 89, 61.574,
162.387

■ 88, 67.603,
160.498

■ 88, 72.648,
158.394

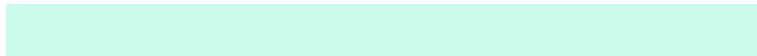
■ 88, 76.851,
156.117

■ 88, 77.204,
155.920

Harmonies

Complementary

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



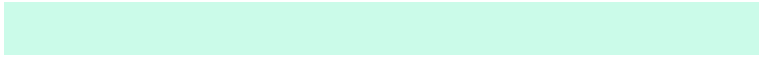
95, 19.076, 169.187



86, 19.894, 352.844

Rectangle

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



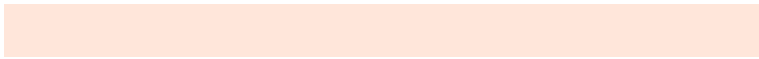
95, 19.076, 169.187



95, 19.076, 219.187



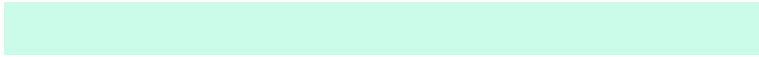
95, 19.076, 349.187



95, 19.076, 39.187

Sweetspot

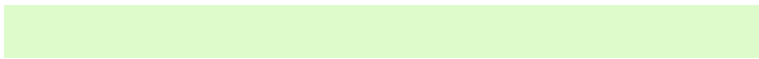
The Sweet Spot groups the original color and five complimentary colors.



95, 19.078, 169.184



99, 6.101, 170.521



95, 26.801, 132.193



53, 4.047, 170.452



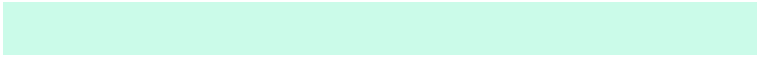
0, 0.000, 0.000



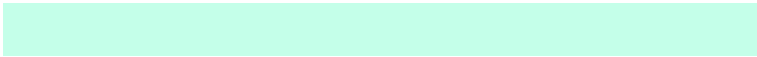
53, 0.007, 296.813

Same Dimension

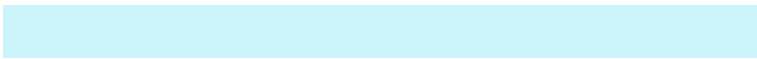
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 19.078, 169.184



96, 23.157, 168.771



94, 14.314, 210.251



51, 5.682, 170.163



68, 61.812, 156.354



22, 26.403, 159.682

Inverse Universe

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



86, 19.894, 352.844



85, 24.361, 353.299



87, 16.316, 30.763



49, 5.803, 351.805



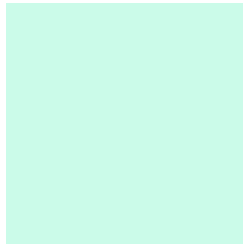
40, 68.012, 14.169



9, 30.457, 6.484

Previews

White Background



This preview shows how the CIE LCh color 95, 19.076, 169.187 looks on a white background.

Color Contrast Check

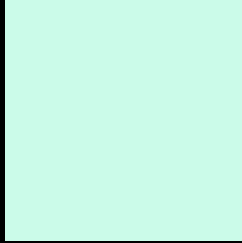
Large Text (above 18pt) WCAG AA × Fail

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, 19.076, 169.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

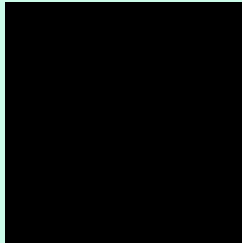
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

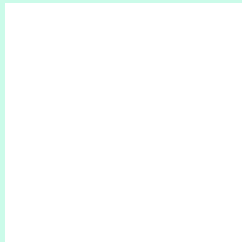
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 19.076, 169.187

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.076, 169.187.

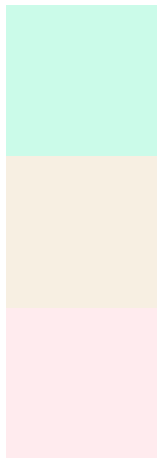


This preview shows how white text looks on a background with the CIELCh color 95, 19.076, 169.187.

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](#).

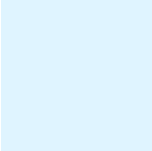
Dichromacy



Original Color
95, 19.076, 169.187

Protanopia
95, 7.244, 86.005

Deuteranopia
95, 7.339, 7.755

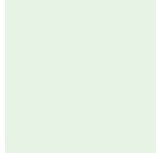


Tritanopia
95, 8.967, 238.274

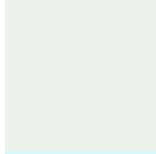
Trichromacy



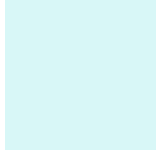
Original Color
95, 19.076, 169.187



Protanomaly
95, 8.394, 140.245

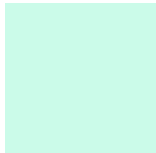


Deuteranomaly
95, 3.127, 144.421

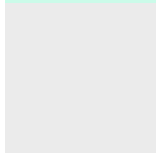


Tritanomaly
95, 10.553, 198.785

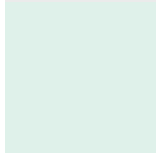
Monochromacy



Original Color
95, 19.076, 169.187



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 7.319, 169.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 19.076, 169.187 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(203, 251, 233)` looks like.

```
.text, #text, p{  
    color:rgb(203, 251, 233)  
}
```

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(203, 251, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 251, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.076, 169.187 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(203, 251, 233) }
```

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

```
.border{ border-color:rgb(203, 251, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 251, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 251, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 251, 233);  
box-shadow:4px 4px 4px 4px rgb(203, 251,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.076, 169.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 251, 233) }
```

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

```
.background{ background-color: rgb(203,  
251, 233) }
```

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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