

Converting Colors

CIELCh(95, 14.271, 186.886)

Have a look what the booklet for
CIELCh(95, 14.271, 186.886)
contains.

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Color

CIELCh(95, 14.338, 186.063)

Conversions

Conversions Part 1

Format	Color
Hex	D0F9F3
RGB	208, 249, 243
RGB Percent	82%, 98%, 95%
CMY	0.1844, 0.0236, 0.0471
CMYK	0.16, 0.00, 0.02, 0.02
HSL	171°, 77%, 90%
HSV	171°, 16%, 98%
XYZ	76.0531, 87.6183, 97.6842
YIQ	236.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

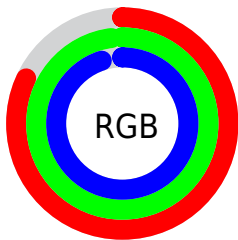
Format	Color
R _{YB}	208, 230, 249
Decimal	13695475
CIE _{Lab}	95.00, -14.26, -1.51
CIE _{LCh}	95, 14.338, 186.063
Y _{xy}	87.6183, 0.2910, 0.3352
Android (android.graphics.Color)	4291885555 (0xFFD0F9F3)
Y _{UV}	236.0570, 3.4229, -24.6060
Hunter-Lab	93.6047, -18.7782, 3.6492

Details

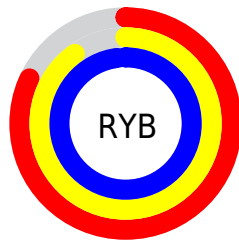
The CIELCh color **95, 14.338, 186.063** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 15.492, 8.966**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 14.574, 185.407** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.515, 185.148**, and if you desaturate by 10%, it is **97, 5.731, 186.984**.

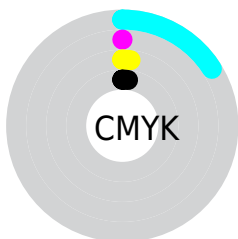
Distribution



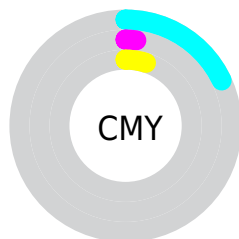
- Red (82%)
- Green (98%)
- Blue (95%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



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





- Cyan (18%)
- Magenta (2%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 14.338, 186.063 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, 14.338, 186.063 by changing the saturation by 10% instead.


 95, 14.338,
186.063


 95, 14.338,
186.063


 100, 14.338,
186.063


 85, 14.338,
186.063

 75, 14.338,
186.063

 65, 14.338,
186.063

 55, 14.338,
186.063

 45, 14.338,
186.063

 35, 14.338,
186.063

 25, 14.338,

186.063

■ 15, 14.338,
186.063

■ 5, 14.338, 186.063

■ 95, 14.338,
186.063

■ 95, 14.338,
186.063

■ 93, 22.515,
185.148

■ 97, 5.731, 186.984

■ 92, 30.108,
184.207

■ 98, 2.224, 2.117

■ 91, 36.966,
183.218

■ 98, 3.304, 329.854

■ 90, 42.947,
182.163

■ 99, 3.743, 324.490

■ 89, 47.938,
181.023

■ 89, 51.877,
179.774

■ 89, 54.772,
178.397

■ 88, 56.724,
176.877

■ 88, 57.284,
176.325

Harmonies

Complementary

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



95, 14.338, 186.063



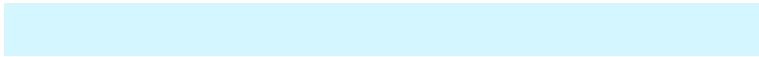
87, 15.492, 8.966

Rectangle

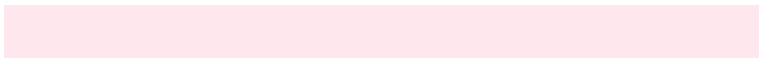
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



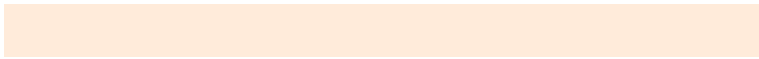
95, 14.338, 186.063



95, 14.338, 236.063



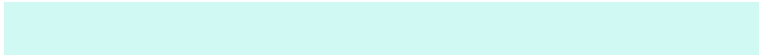
95, 14.338, 6.063



95, 14.338, 56.063

Sweetspot

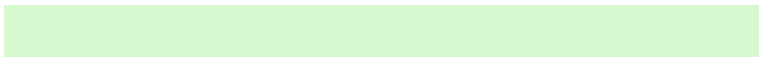
The Sweet Spot groups the original color and five complimentary colors.



95, 14.339, 186.057



99, 4.526, 187.139



95, 24.566, 139.442



53, 3.085, 187.062



0, 0.000, 0.000



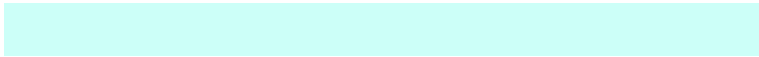
53, 0.007, 296.813

Same Dimension

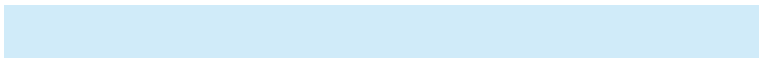
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 14.339, 186.057



96, 17.620, 185.736



91, 11.471, 239.525



51, 5.028, 186.691



69, 46.372, 176.611



22, 20.518, 178.782

Inverse Universe

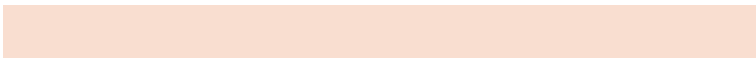
The Inverse Universe completely reimagines the original color for something new.



87, 15.492, 8.966



87, 19.381, 9.382



90, 12.462, 56.326



49, 5.253, 8.210



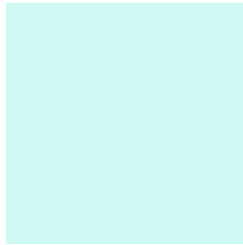
39, 76.849, 33.256



9, 31.258, 20.148

Previews

White Background



This preview shows how the CIE LCh color 95, 14.338, 186.063 looks on a white background.

Color Contrast Check

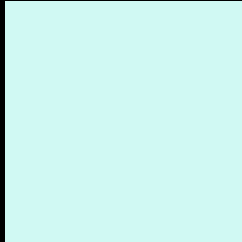
Large Text (above 18pt) WCAG AA × Fail

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, 14.338, 186.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

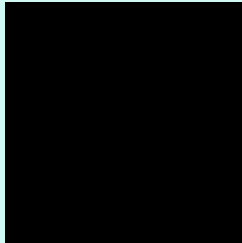
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

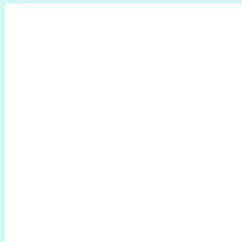
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 14.338, 186.063

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.338, 186.063.

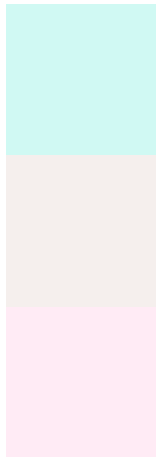


This preview shows how white text looks on a background with the CIELCh color 95, 14.338, 186.063.

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](#).

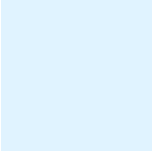
Dichromacy



Original Color
95, 14.338, 186.063

Protanopia
95, 2.357, 45.013

Deuteranopia
95, 8.787, 344.253

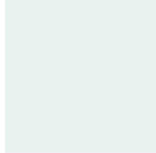


Tritanopia
95, 8.804, 243.748

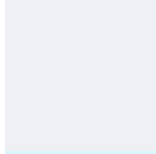
Trichromacy



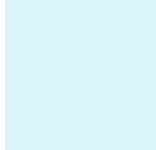
Original Color
95, 14.338, 186.063



Protanomaly
95, 4.395, 171.417



Deuteranomaly
95, 2.169, 271.559

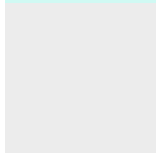


Tritanomaly
95, 9.578, 217.753

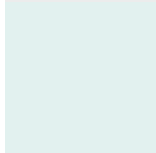
Monochromacy



Original Color
95, 14.338, 186.063



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 5.349, 188.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.338, 186.063 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(208, 249, 243)` looks like.

```
.text, #text, p{  
    color:rgb(208, 249, 243)  
}
```

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(208, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 249, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.338, 186.063 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(208, 249, 243) }
```

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

```
.border{ border-color:rgb(208, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(208, 249,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.338, 186.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 249, 243) }
```

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

```
.background{ background-color: rgb(208,  
249, 243) }
```

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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