

Converting Colors

CIELCh(95, 14.673, 179.953)

Have a look what the booklet for
CIELCh(95, 14.673, 179.953)
contains.

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Color

CIELCh(95, 14.536, 179.912)

Conversions

Conversions Part 1

Format	Color
Hex	D1F9F0
RGB	209, 249, 240
RGB Percent	82%, 98%, 94%
CMY	0.1803, 0.0234, 0.0587
CMYK	0.16, 0.00, 0.04, 0.02
HSL	166°, 77%, 90%
HSV	166°, 16%, 98%
XYZ	75.9165, 87.6183, 95.3681
YIQ	236.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

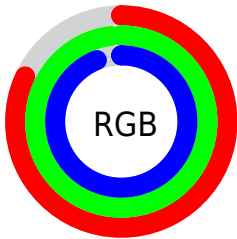
Format	Color
R _Y B	209, 232, 249
Decimal	13761008
CIE Lab	95.00, -14.54, 0.02
CIE LCh	95, 14.536, 179.912
Yxy	87.6183, 0.2932, 0.3384
Android (android.graphics.Color)	4291951088 (0xFFD1F9F0)
YUV	236.0140, 1.9651, -23.6913
Hunter-Lab	93.6047, -19.0388, 5.1163

Details

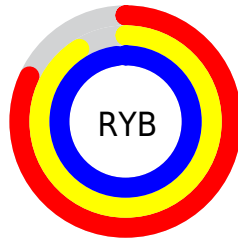
The CIELCh color **95, 14.536, 179.912** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 15.434, 2.939**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 14.825, 179.091** is the 20% darker color. If you saturate the color by 10%, you get **93, 23.173, 178.891**, and if you desaturate by 10%, it is **97, 5.555, 180.915**.

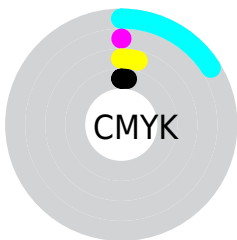
Distribution



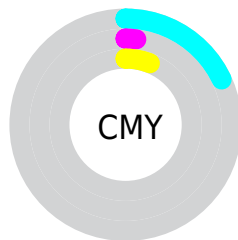
- Red (82%)
- Green (98%)
- Blue (94%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 14.536, 179.912 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, 14.536, 179.912 by changing the saturation by 10% instead.


 95, 14.536,
179.912


 95, 14.536,
179.912


 100, 14.536,
179.912


 85, 14.536,
179.912

 75, 14.536,
179.912

 65, 14.536,
179.912

 55, 14.536,
179.912

 45, 14.536,
179.912

 35, 14.536,
179.912

 25, 14.536,

179.912

■ 15, 14.536,
179.912

■ 5, 14.536, 179.912

■ 95, 14.536,
179.912

■ 95, 14.536,
179.912

■ 93, 23.173,
178.891

■ 97, 5.555, 180.915

■ 92, 31.311,
177.813

■ 98, 2.395, 351.310

■ 99, 3.717, 324.488

■ 91, 38.794,
176.650

■ 90, 45.471,
175.380

■ 89, 51.215,
173.978

■ 89, 55.948,
172.419

■ 88, 59.663,
170.683

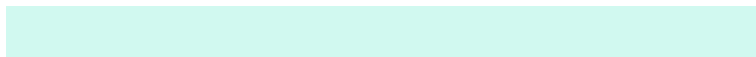
■ 88, 62.449,
168.764

■ 88, 63.394,
167.987

Harmonies

Complementary

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



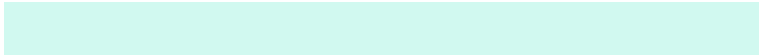
95, 14.536, 179.912



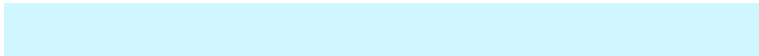
87, 15.434, 2.939

Rectangle

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



95, 14.536, 179.912



95, 14.536, 229.912



95, 14.536, 359.912



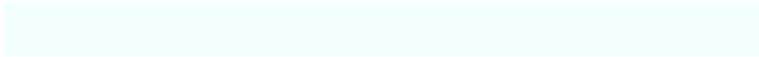
95, 14.536, 49.912

Sweetspot

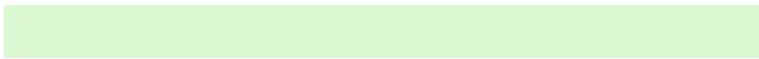
The Sweet Spot groups the original color and five complimentary colors.



95, 14.538, 179.907



99, 4.673, 181.034



95, 23.352, 137.055



53, 3.186, 180.954



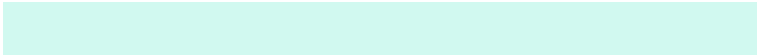
0, 0.000, 0.000



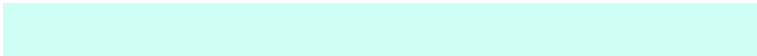
53, 0.007, 296.813

Same Dimension

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



95, 14.538, 179.907



97, 17.447, 179.611



92, 11.166, 228.579



51, 5.203, 180.559



68, 51.215, 168.351



22, 22.346, 171.149

Inverse Universe

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



87, 15.434, 2.939



87, 18.740, 3.291



90, 12.303, 46.622



49, 5.390, 2.202



39, 72.976, 27.602



9, 30.872, 16.505

Previews

White Background



This preview shows how the CIE LCh color 95, 14.536, 179.912 looks on a white background.

Color Contrast Check

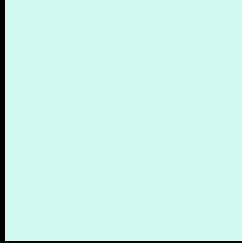
Large Text (above 18pt) WCAG AA × Fail

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, 14.536, 179.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

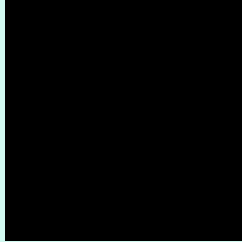
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

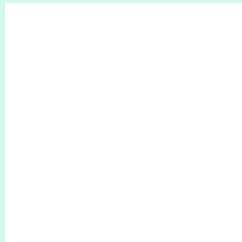
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 14.536, 179.912

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.536, 179.912.

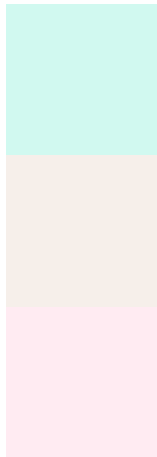


This preview shows how white text looks on a background with the CIELCh color 95, 14.536, 179.912.

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, 14.536, 179.912

Protanopia
95, 3.564, 65.237

Deuteranopia
95, 8.001, 353.255

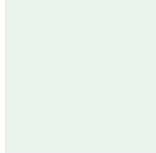


Tritanopia
95, 8.571, 245.311

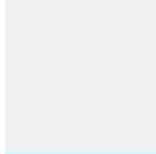
Trichromacy



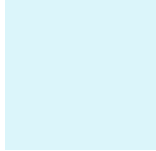
Original Color
95, 14.536, 179.912



Protanomaly
95, 5.063, 154.082



Deuteranomaly
95, 0.870, 236.440

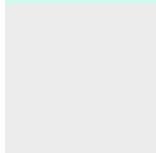


Tritanomaly
95, 9.139, 215.308

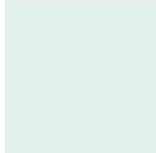
Monochromacy



Original Color
95, 14.536, 179.912



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 5.669, 177.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.536, 179.912 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, 249, 240)` looks like.

```
.text, #text, p{  
    color:rgb(209, 249, 240)  
}
```

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, 249, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 249, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.536, 179.912 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, 249, 240) }
```

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

```
.border{ border-color:rgb(209, 249, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 249, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(209, 249,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.536, 179.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 249, 240) }
```

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

```
.background{ background-color: rgb(209,  
249, 240) }
```

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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