

Converting Colors

CIELCh(95, 10.838, 180.627)

Have a look what the booklet for
CIELCh(95, 10.838, 180.627)
contains.

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Color

CIELCh(95, 11.026, 179.675)

Conversions

Conversions Part 1

Format	Color
Hex	D9F7F0
RGB	217, 247, 240
RGB Percent	85%, 97%, 94%
CMY	0.1488, 0.0311, 0.0586
CMYK	0.12, 0.00, 0.03, 0.03
HSL	166°, 65%, 91%
HSV	166°, 12%, 97%
XYZ	77.6528, 87.6183, 95.3080
YIQ	237.2320, -15.6330, -8.5370

Conversions

Conversions Part 2

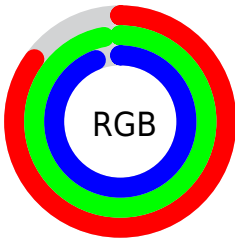
Format	Color
R _Y B	217, 234, 247
Decimal	14284784
CIE Lab	95.00, -11.03, 0.06
CIE LCh	95, 11.026, 179.675
Yxy	87.6183, 0.2980, 0.3362
Android (android.graphics.Color)	4292474864 (0xFFD9F7F0)
YUV	237.2320, 1.3646, -17.7435
Hunter-Lab	93.6047, -15.7277, 5.1544

Details

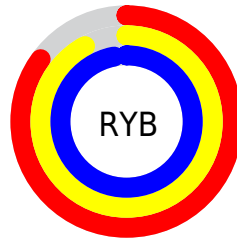
The CIELCh color **95, 11.026, 179.675** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 11.521, 1.874**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 11.194, 178.796** is the 20% darker color. If you saturate the color by 10%, you get **93, 19.809, 178.662**, and if you desaturate by 10%, it is **97, 1.963, 180.840**.

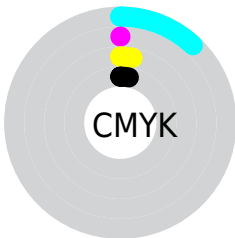
Distribution



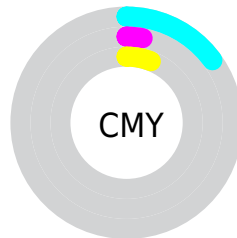
- Red (85%)
- Green (97%)
- Blue (94%)



- Red (85%)
- Yellow (92%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 11.026, 179.675 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, 11.026, 179.675 by changing the saturation by 10% instead.


 95, 11.026,
179.675


 95, 11.026,
179.675


 100, 11.026,
179.675


 85, 11.026,
179.675

 75, 11.026,
179.675

 65, 11.026,
179.675

 55, 11.026,
179.675

 45, 11.026,
179.675

 35, 11.026,
179.675

 25, 11.026,

179.675

■ 15, 11.026,
179.675

■ 5, 11.026, 179.675

■ 95, 11.026,
179.675

■ 95, 11.026,
179.675

■ 93, 19.809,
178.662

■ 97, 1.963, 180.840

■ 92, 28.165,
177.603

■ 98, 3.643, 340.109

■ 98, 4.936, 324.551

■ 91, 35.940,
176.464

■ 90, 42.978,
175.224

■ 89, 49.140,
173.858

■ 88, 54.327,
172.342

■ 88, 58.499,
170.651

■ 87, 61.703,
168.774

■ 87, 63.700,
167.201

Harmonies

Complementary

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



95, 11.026, 179.675



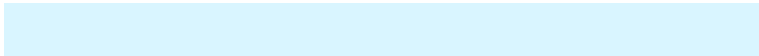
89, 11.521, 1.874

Rectangle

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



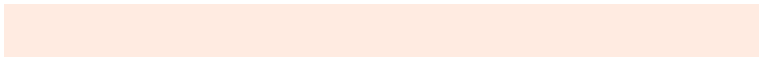
95, 11.026, 179.675



95, 11.026, 229.675



95, 11.026, 359.675



95, 11.026, 49.675

Sweetspot

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



95, 11.028, 179.668



99, 3.756, 180.533



95, 17.428, 136.755



53, 2.668, 180.439



0, 0.000, 0.000



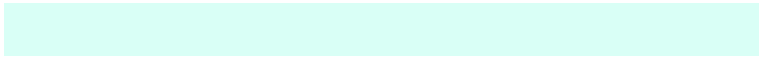
53, 0.007, 296.813

Same Dimension

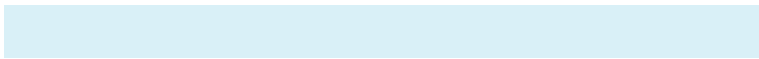
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 11.028, 179.668



97, 13.921, 179.381



93, 8.504, 226.160



50, 5.138, 179.934



67, 51.232, 167.582



21, 21.895, 170.574

Inverse Universe

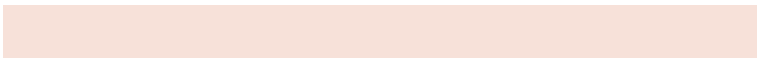
The Inverse Universe completely reimagines the original color for something new.



89, 11.521, 1.874



90, 14.699, 2.199



91, 9.152, 44.843



48, 5.317, 1.580



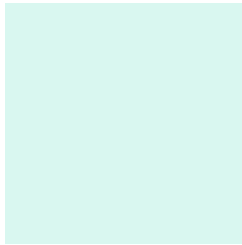
39, 71.833, 26.871



9, 29.873, 15.066

Previews

White Background



This preview shows how the CIE LCh color 95, 11.026, 179.675 looks on a white background.

Color Contrast Check

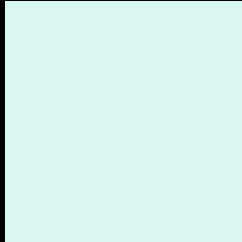
Large Text (above 18pt) WCAG AA × Fail

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, 11.026, 179.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

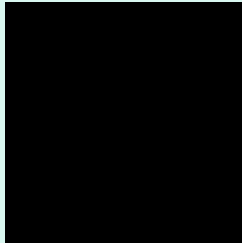
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

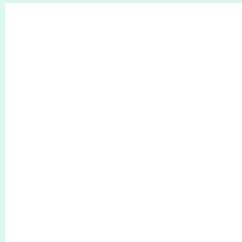
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 11.026, 179.675

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.026, 179.675.

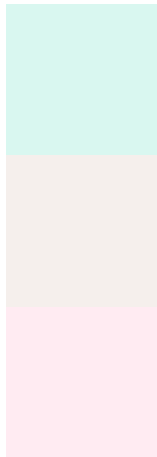


This preview shows how white text looks on a background with the CIELCh color 95, 11.026, 179.675.

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, 11.026, 179.675

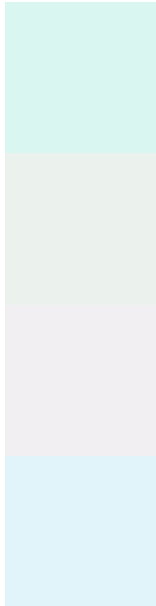
Protanopia
95, 2.618, 55.188

Deuteranopia
95, 8.001, 353.255



Tritanopia
95, 8.117, 254.824

Trichromacy



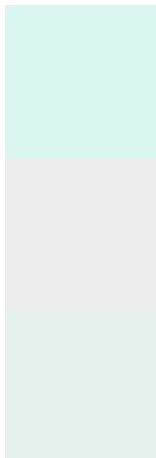
Original Color
95, 11.026, 179.675

Protanomaly
95, 3.579, 153.629

Deuteranomaly
95, 1.263, 324.253

Tritanomaly
95, 7.431, 223.649

Monochromacy



Original Color
95, 11.026, 179.675

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.174, 177.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 11.026, 179.675 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(217, 247, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 247, 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(217, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 247, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.026, 179.675 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(217, 247, 240) }
```

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

```
.border{ border-color:rgb(217, 247, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 247, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 247,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.026, 179.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 247, 240) }
```

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

```
.background{ background-color: rgb(217,  
247, 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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