

Converting Colors

CIELCh(95, 13.103, 212.936)

Have a look what the booklet for
CIELCh(95, 13.103, 212.936)
contains.

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Color

CIELCh(95, 13.276, 212.137)

Conversions

Conversions Part 1

Format	Color
Hex	D1F8FE
RGB	209, 248, 254
RGB Percent	82%, 97%, 100%
CMY	0.1814, 0.0285, 0.0050
CMYK	0.18, 0.02, 0.00, 0.01
HSL	188°, 95%, 91%
HSV	188°, 18%, 99%
XYZ	77.5452, 87.6183, 106.3572
YIQ	237.0230, -25.1700, -6.4020

Conversions

Conversions Part 2

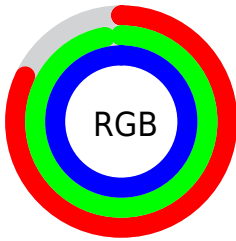
Format	Color
R _Y B	209, 230, 254
Decimal	13760766
CIE Lab	95.00, -11.24, -7.06
CIE LCh	95, 13.276, 212.137
Yxy	87.6183, 0.2856, 0.3227
Android (android.graphics.Color)	4291950846 (0xFFD1F8FE)
YUV	237.0230, 8.3697, -24.5762
Hunter-Lab	93.6047, -15.9329, -1.8443

Details

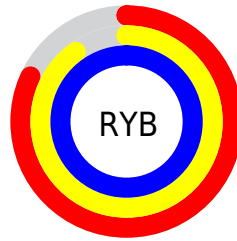
The CIELCh color **95, 13.276, 212.137** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 14.976, 32.311**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 13.318, 210.218** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.053, 212.304**, and if you desaturate by 10%, it is **98, 5.957, 212.130**.

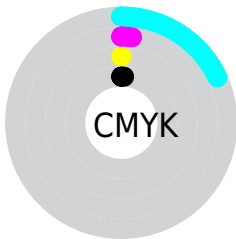
Distribution



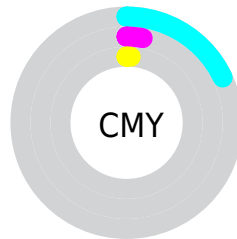
- Red (82%)
- Green (97%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (18%)
- Magenta (3%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 13.276, 212.137 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, 13.276, 212.137 by changing the saturation by 10% instead.


 95, 13.276,
212.137


 95, 13.276,
212.137


 100, 13.276,
212.137


 85, 13.276,
212.137

 75, 13.276,
212.137

 65, 13.276,
212.137

 55, 13.276,
212.137

 45, 13.276,
212.137

 35, 13.276,
212.137

 25, 13.276,

212.137

■ 15, 13.276,
212.137

■ 5, 13.276, 212.137

■ 95, 13.276,
212.137

■ 95, 13.276,
212.137

■ 93, 20.053,
212.304

■ 98, 5.957, 212.130

100, 0.416, 84.570

■ 90, 26.160,
212.657

100, 0.636,
110.009

■ 88, 31.470,
213.222

■ 87, 35.865,
214.048

■ 85, 39.261,
215.189

■ 84, 41.625,
216.703

■ 82, 42.994,
218.646

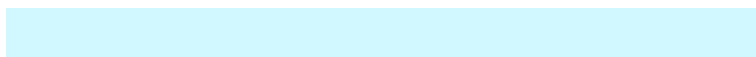
■ 81, 43.516,
221.049

■ 81, 43.581,
221.629

Harmonies

Complementary

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



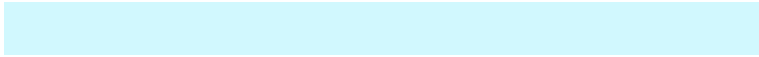
95, 13.276, 212.137



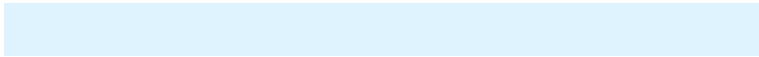
89, 14.976, 32.311

Rectangle

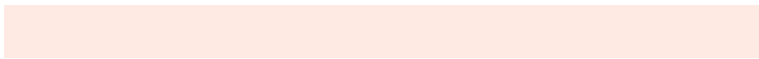
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 13.276, 212.137



95, 13.276, 262.137



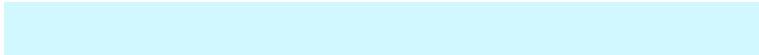
95, 13.276, 32.137



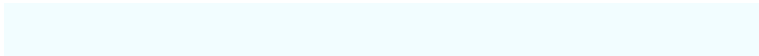
95, 13.276, 82.137

Sweetspot

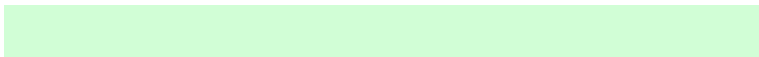
The Sweet Spot groups the original color and five complimentary colors.



95, 13.276, 212.129



99, 3.895, 212.193



96, 26.015, 146.612



52, 2.653, 212.170



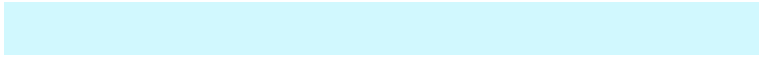
0, 0.000, 0.000



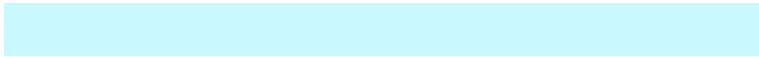
53, 0.007, 296.813

Same Dimension

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



95, 13.276, 212.129



95, 15.620, 212.168



89, 15.389, 269.490



52, 4.378, 212.112



62, 35.265, 221.144



21, 16.347, 217.773

Inverse Universe

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



89, 25.768, 329.357



87, 30.664, 329.560



94, 15.621, 84.606



50, 8.263, 328.845



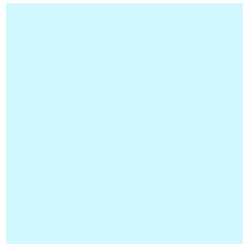
44, 83.838, 334.378



12, 39.054, 333.541

Previews

White Background



This preview shows how the CIE LCh color 95, 13.276, 212.137 looks on a white background.

Color Contrast Check

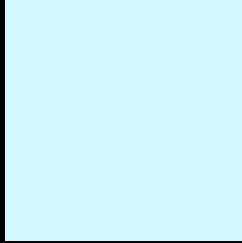
Large Text (above 18pt) WCAG AA × Fail

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, 13.276, 212.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

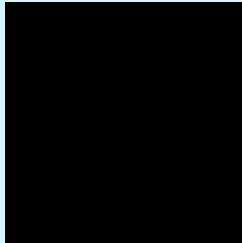
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 13.276, 212.137

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.276, 212.137.

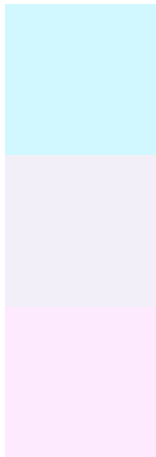


This preview shows how white text looks on a background with the CIELCh color 95, 13.276, 212.137.

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, 13.276, 212.137

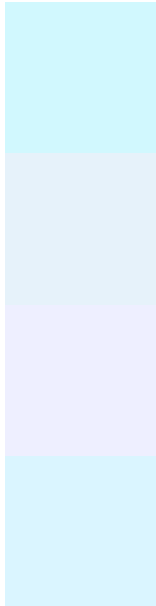
Protanopia
95, 4.764, 303.231

Deuteranopia
95, 12.916, 323.570



Tritanopia
95, 8.804, 243.748

Trichromacy



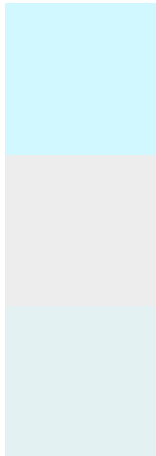
Original Color
95, 13.276, 212.137

Protanomaly
95, 5.766, 244.871

Deuteranomaly
95, 8.233, 288.435

Tritanomaly
95, 10.315, 228.926

Monochromacy



Original Color
95, 13.276, 212.137

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.944, 211.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.276, 212.137 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, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(209, 248, 254)  
}
```

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, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 248, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.276, 212.137 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, 248, 254) }
```

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

```
.border{ border-color:rgb(209, 248, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 248, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(209, 248,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.276, 212.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 248, 254) }
```

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

```
.background{ background-color: rgb(209,  
248, 254) }
```

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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