

Converting Colors

CIELCh(95, 12.584, 180.743)

Have a look what the booklet for
CIELCh(95, 12.584, 180.743)
contains.

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Color

CIELCh(95, 12.788, 179.837)

Conversions

Conversions Part 1

Format	Color
Hex	D5F8F0
RGB	213, 248, 240
RGB Percent	84%, 97%, 94%
CMY	0.1645, 0.0272, 0.0586
CMYK	0.14, 0.00, 0.03, 0.03
HSL	166°, 72%, 90%
HSV	166°, 14%, 97%
XYZ	76.7779, 87.6183, 95.3471
YIQ	236.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

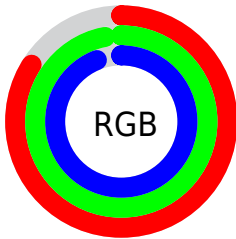
Format	Color
R _{YB}	213, 233, 248
Decimal	14022896
CIE Lab	95.00, -12.79, 0.04
CIE LCh	95, 12.788, 179.837
Yxy	87.6183, 0.2956, 0.3373
Android (android.graphics.Color)	4292212976 (0xFFD5F8F0)
YUV	236.6230, 1.6649, -20.7174
Hunter-Lab	93.6047, -17.3961, 5.1296

Details

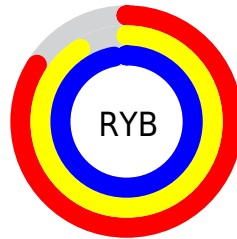
The CIELCh color **95, 12.788, 179.837** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 13.469, 2.449**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 13.021, 179.000** is the 20% darker color. If you saturate the color by 10%, you get **93, 21.498, 178.821**, and if you desaturate by 10%, it is **97, 3.765, 180.876**.

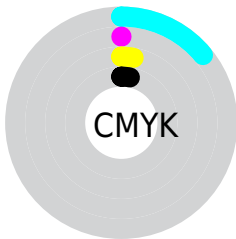
Distribution



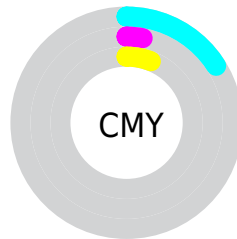
- Red (84%)
- Green (97%)
- Blue (94%)



- Red (84%)
- Yellow (91%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)





- Cyan (16%)
- Magenta (3%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 12.788, 179.837 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, 12.788, 179.837 by changing the saturation by 10% instead.


 95, 12.788,
179.837


 95, 12.788,
179.837


 100, 12.788,
179.837


 85, 12.788,
179.837

 75, 12.788,
179.837

 65, 12.788,
179.837

 55, 12.788,
179.837

 45, 12.788,
179.837

 35, 12.788,
179.837

 25, 12.788,

179.837

■ 15, 12.788,
179.837

■ 5, 12.788, 179.837

■ 95, 12.788,
179.837

■ 95, 12.788,
179.837

■ 93, 21.498,
178.821

■ 97, 3.765, 180.876

■ 92, 29.745,
177.753

■ 98, 2.994, 344.726

■ 98, 4.320, 324.521

■ 91, 37.374,
176.603

■ 90, 44.229,
175.349

■ 89, 50.179,
173.967

■ 88, 55.134,
172.431

■ 88, 59.071,
170.719

■ 88, 62.056,
168.822

■ 87, 63.499,
167.649

Harmonies

Complementary

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



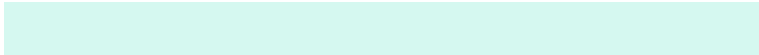
95, 12.788, 179.837



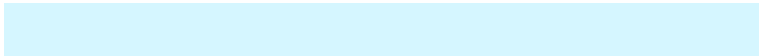
88, 13.469, 2.449

Rectangle

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



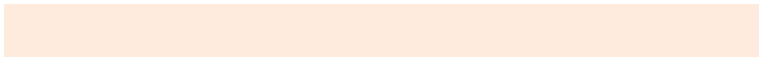
95, 12.788, 179.837



95, 12.788, 229.837



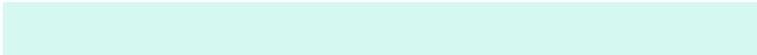
95, 12.788, 359.837



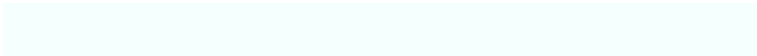
95, 12.788, 49.837

Sweetspot

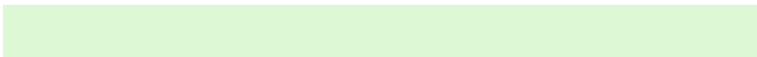
The Sweet Spot groups the original color and five complimentary colors.



95, 12.790, 179.831



99, 3.747, 180.889



95, 20.434, 137.157



53, 2.662, 180.795



0, 0.000, 0.000



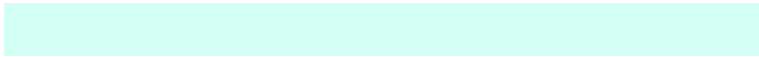
53, 0.007, 296.813

Same Dimension

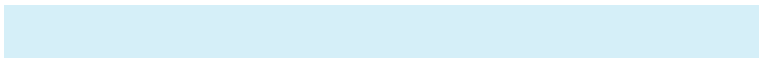
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 12.790, 179.831



97, 15.691, 179.541



93, 9.826, 228.428



51, 5.213, 180.290



68, 51.451, 168.011



22, 22.435, 170.831

Inverse Universe

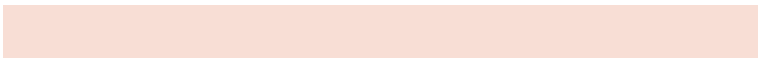
The Inverse Universe completely reimagines the original color for something new.



88, 13.469, 2.449



89, 16.709, 2.786



90, 10.689, 46.700



49, 5.397, 1.936



40, 72.813, 27.316



9, 30.855, 16.315

Previews

White Background



This preview shows how the CIE LCh color 95, 12.788, 179.837 looks on a white background.

Color Contrast Check

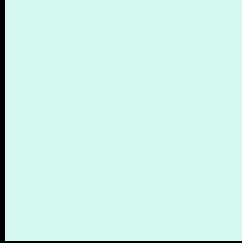
Large Text (above 18pt) WCAG AA × Fail

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, 12.788, 179.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

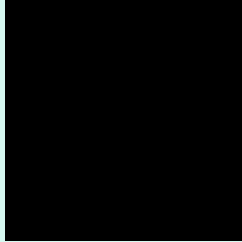
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

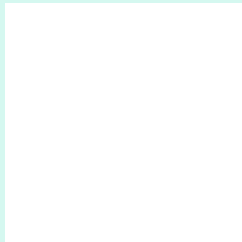
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.788, 179.837

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.788, 179.837.

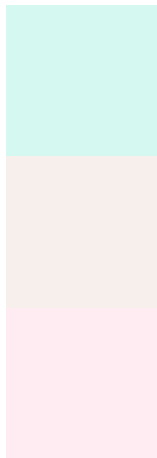


This preview shows how white text looks on a background with the CIELCh color 95, 12.788, 179.837.

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, 12.788, 179.837

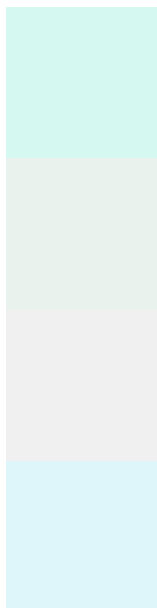
Protanopia
95, 3.216, 58.875

Deuteranopia
95, 8.001, 353.255



Tritanopia
95, 8.125, 248.708

Trichromacy



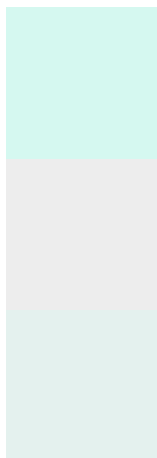
Original Color
95, 12.788, 179.837

Protanomaly
95, 3.833, 157.353

Deuteranomaly
95, 0.524, 290.359

Tritanomaly
95, 8.193, 217.320

Monochromacy



Original Color
95, 12.788, 179.837

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.827, 180.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.788, 179.837 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(213, 248, 240)` looks like.

```
.text, #text, p{  
    color:rgb(213, 248, 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(213, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 248, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.788, 179.837 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(213, 248, 240) }
```

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

```
.border{ border-color:rgb(213, 248, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 248, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 248, 240); box-shadow:4px 4px 4px 4px rgb(213, 248, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.788, 179.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 248, 240) }
```

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

```
.background{ background-color: rgb(213,  
248, 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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