

Converting Colors

CIELCh(95, 12.679, 188.201)

Have a look what the booklet for
CIELCh(95, 12.679, 188.201)
contains.

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Color

CIELCh(95, 12.483, 189.140)

Conversions

Conversions Part 1

Format	Color
Hex	D4F8F4
RGB	212, 248, 244
RGB Percent	83%, 97%, 96%
CMY	0.1688, 0.0276, 0.0433
CMYK	0.15, 0.00, 0.02, 0.03
HSL	173°, 72%, 90%
HSV	173°, 15%, 97%
XYZ	77.0073, 87.6183, 98.3977
YIQ	236.7800, -20.1720, -8.8760

Conversions

Conversions Part 2

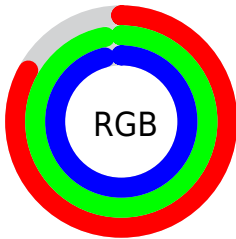
Format	Color
R _Y B	212, 231, 248
Decimal	13957364
CIE Lab	95.00, -12.32, -1.98
CIE LCh	95, 12.483, 189.140
Yxy	87.6183, 0.2928, 0.3331
Android (android.graphics.Color)	4292147444 (0xFFD4F8F4)
YUV	236.7800, 3.5595, -21.7321
Hunter-Lab	93.6047, -16.9585, 3.1973

Details

The CIELCh color **95, 12.483, 189.140** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 13.446, 11.507**, 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, 12.651, 188.586** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.570, 188.297**, and if you desaturate by 10%, it is **97, 3.958, 190.041**.

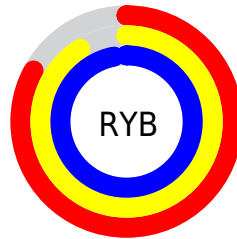
Distribution



Red (83%)

Green (97%)

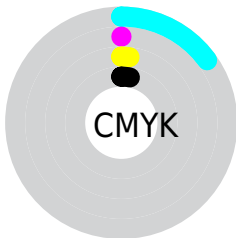
Blue (96%)



Red (83%)

Yellow (91%)

Blue (97%)

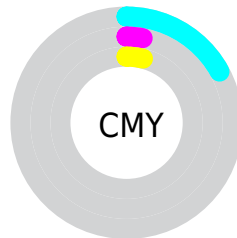


Cyan (15%)

Magenta (0%)

Yellow (2%)

Black (3%)



Cyan (17%)


Magenta (3%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 12.483, 189.140 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, 12.483, 189.140 by changing the saturation by 10% instead.


 95, 12.483,
189.140


 95, 12.483,
189.140


 100, 12.483,
189.140


 85, 12.483,
189.140

 75, 12.483,
189.140

 65, 12.483,
189.140

 55, 12.483,
189.140

 45, 12.483,
189.140

 35, 12.483,
189.140

 25, 12.483,

189.140

■ 15, 12.483,
189.140

■ 5, 12.483, 189.140

■ 95, 12.483,
189.140

■ 95, 12.483,
189.140

■ 93, 20.570,
188.297

■ 97, 3.958, 190.041

■ 92, 28.069,
187.452

■ 98, 2.610, 2.184

■ 91, 34.831,
186.582

■ 98, 3.318, 338.454

■ 90, 40.715,
185.674

■ 98, 4.379, 324.618

■ 98, 4.389, 324.524

■ 89, 45.608,
184.712

■ 89, 49.443,
183.678

■ 88, 52.217,
182.552

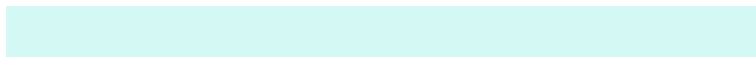
■ 88, 54.013,
181.317

■ 88, 54.708,
180.605

Harmonies

Complementary

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



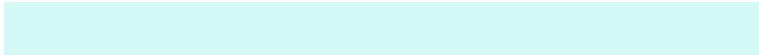
95, 12.483, 189.140



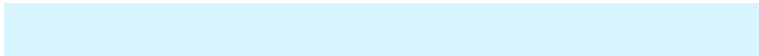
88, 13.446, 11.507

Rectangle

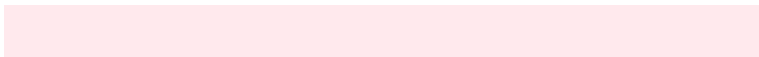
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



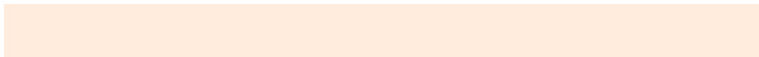
95, 12.483, 189.140



95, 12.483, 239.140



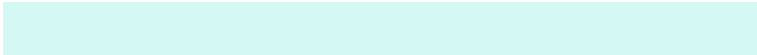
95, 12.483, 9.140



95, 12.483, 59.140

Sweetspot

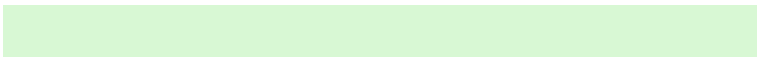
The Sweet Spot groups the original color and five complimentary colors.



95, 12.484, 189.133



99, 3.587, 190.102



95, 21.799, 140.483



53, 2.546, 190.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

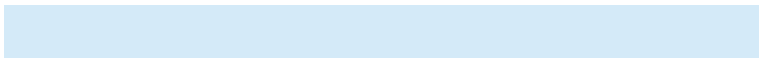
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 12.484, 189.133



97, 14.870, 188.923



92, 10.225, 243.564



51, 4.969, 189.562



69, 44.467, 180.838



22, 19.801, 182.615

Inverse Universe

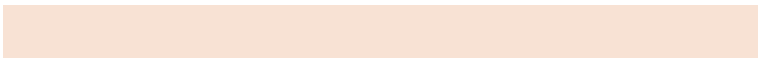
The Inverse Universe completely reimagines the original color for something new.



88, 13.446, 11.507



89, 16.234, 11.779



91, 10.911, 60.414



49, 5.212, 10.988



39, 78.606, 35.325



9, 31.453, 21.621

Previews

White Background



This preview shows how the CIE LCh color 95, 12.483, 189.140 looks on a white background.

Color Contrast Check

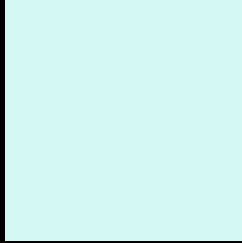
Large Text (above 18pt) WCAG AA × Fail

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, 12.483, 189.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

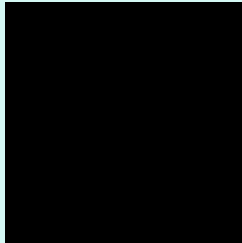
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

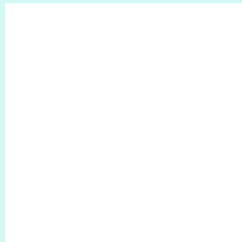
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.483, 189.140

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.483, 189.140.

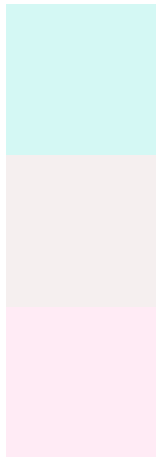


This preview shows how white text looks on a background with the CIELCh color 95, 12.483, 189.140.

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](#).

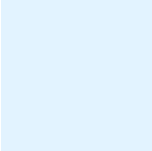
Dichromacy



Original Color
95, 12.483, 189.140

Protanopia
95, 2.131, 19.252

Deuteranopia
95, 8.787, 344.253

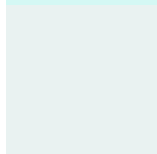


Tritanopia
95, 8.345, 246.963

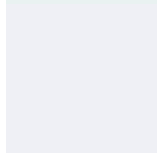
Trichromacy



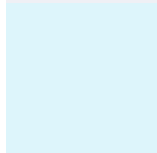
Original Color
95, 12.483, 189.140



Protanomaly
95, 3.197, 190.146



Deuteranomaly
95, 2.596, 282.668

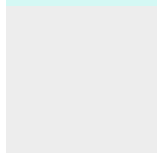


Tritanomaly
95, 8.651, 219.917

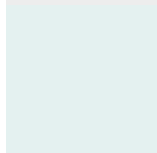
Monochromacy



Original Color
95, 12.483, 189.140



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 4.573, 192.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.483, 189.140 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(212, 248, 244)` looks like.

```
.text, #text, p{  
    color:rgb(212, 248, 244)  
}
```

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(212, 248, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 248, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.483, 189.140 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(212, 248, 244) }
```

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

```
.border{ border-color:rgb(212, 248, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 248, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 248, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 248, 244);  
box-shadow:4px 4px 4px 4px rgb(212, 248,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.483, 189.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 248, 244) }
```

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

```
.background{ background-color: rgb(212,  
248, 244) }
```

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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