

Converting Colors

CIELCh(95, 8.699, 186.706)

Have a look what the booklet for
CIELCh(95, 8.699, 186.706) contains.

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Color

CIELCh(95, 8.912, 185.541)

Conversions

Conversions Part 1

Format	Color
Hex	DDF6F2
RGB	221, 246, 242
RGB Percent	87%, 96%, 95%
CMY	0.1337, 0.0356, 0.0513
CMYK	0.10, 0.00, 0.02, 0.04
HSL	170°, 58%, 92%
HSV	170°, 10%, 96%
XYZ	78.7320, 87.6183, 96.6942
YIQ	238.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

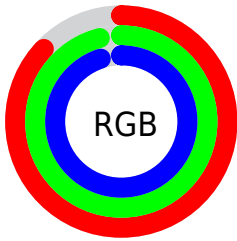
Format	Color
R _Y B	221, 235, 246
Decimal	14546674
CIE Lab	95.00, -8.87, -0.86
CIE LCh	95, 8.912, 185.541
Yxy	87.6183, 0.2993, 0.3331
Android (android.graphics.Color)	4292736754 (0xFFDDDF6F2)
YUV	238.0690, 1.9380, -14.9695
Hunter-Lab	93.6047, -13.6696, 4.2763

Details

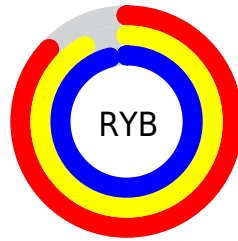
The CIELCh color **95, 8.912, 185.541** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 9.326, 7.212**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 8.973, 184.797** is the 20% darker color. If you saturate the color by 10%, you get **93, 17.355, 184.605**, and if you desaturate by 10%, it is **97, 0.145, 190.541**.

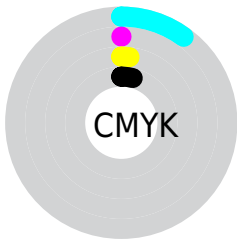
Distribution



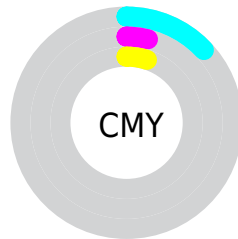
- Red (87%)
- Green (96%)
- Blue (95%)



- Red (87%)
- Yellow (92%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)




- Cyan (13%)
- Magenta (4%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 8.912, 185.541 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, 8.912, 185.541 by changing the saturation by 10% instead.

 95, 8.912, 185.541

 95, 8.912, 185.541

 100, 8.912,
185.541

 85, 8.912, 185.541

 75, 8.912, 185.541

 65, 8.912, 185.541

 55, 8.912, 185.541

 45, 8.912, 185.541

 35, 8.912, 185.541

 25, 8.912, 185.541

 15, 8.912, 185.541

 5, 8.912, 185.541

95, 8.912, 185.541

95, 8.912, 185.541

93, 17.355,
184.605

97, 0.145, 190.541

92, 25.328,
183.661

98, 3.782, 348.012

91, 32.683,
182.672

98, 5.134, 328.684

90, 39.269,
181.620

98, 5.658, 324.584

89, 44.953,
180.487

88, 49.637,
179.250

88, 53.279,
177.887

87, 55.917,
176.378

■ 87, 57.727,
174.766

Harmonies

Complementary

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



95, 8.912, 185.541



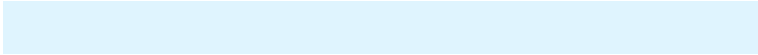
90, 9.326, 7.212

Rectangle

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



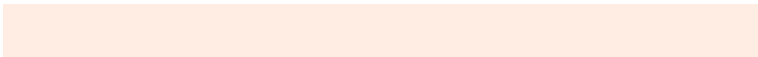
95, 8.912, 185.541



95, 8.912, 235.541



95, 8.912, 5.541



95, 8.912, 55.541

Sweetspot

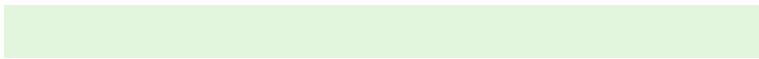
The Sweet Spot groups the original color and five complimentary colors.



95, 8.914, 185.531



99, 2.734, 186.311



95, 14.892, 139.323



53, 2.071, 186.194



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, 8.914, 185.531



98, 10.802, 185.357



93, 7.075, 236.696



50, 4.970, 185.596



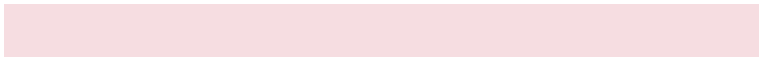
68, 46.678, 175.074



21, 20.222, 177.494

Inverse Universe

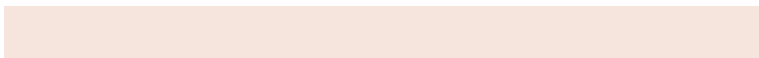
The Inverse Universe completely reimagines the original color for something new.



90, 9.326, 7.212



92, 11.398, 7.411



92, 7.446, 54.817



48, 5.184, 7.139



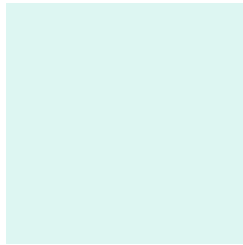
39, 75.347, 32.314



8, 30.158, 18.461

Previews

White Background



This preview shows how the CIELCh color 95, 8.912, 185.541 looks on a white background.

Color Contrast Check

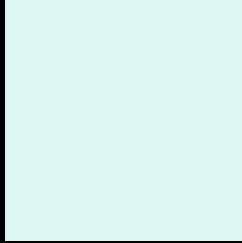
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 8.912, 185.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

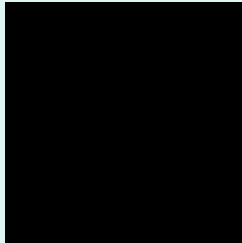
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

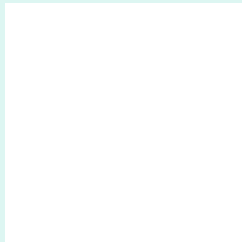
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.912, 185.541

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.912, 185.541.

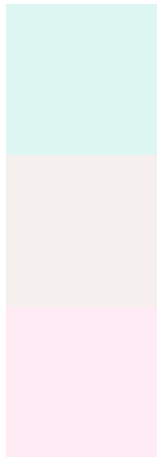


This preview shows how white text looks on a background with the CIELCh color 95, 8.912, 185.541.

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, 8.912, 185.541

Protanopia

95, 2.187, 32.796

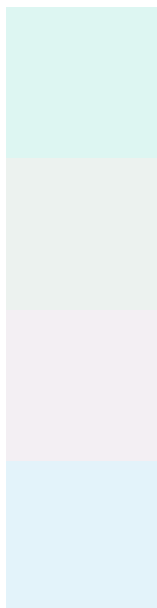
Deuteranopia

95, 8.239, 350.064



Tritanopia
95, 7.757, 258.918

Trichromacy



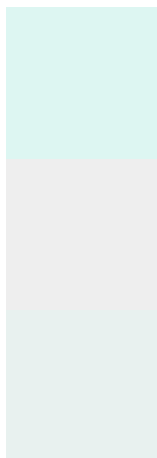
Original Color
95, 8.912, 185.541

Protanomaly
95, 2.625, 163.626

Deuteranomaly
95, 2.515, 324.414

Tritanomaly
95, 6.493, 232.900

Monochromacy



Original Color
95, 8.912, 185.541

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.332, 181.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.912, 185.541 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(221, 246, 242)` looks like.

```
.text, #text, p{  
    color:rgb(221, 246, 242)  
}
```

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(221, 246, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 246, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.912, 185.541 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(221, 246, 242) }
```

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

```
.border{ border-color:rgb(221, 246, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 246, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 246, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 246, 242); box-shadow:4px 4px 4px 4px rgb(221, 246, 242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.912, 185.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 246, 242) }
```

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

```
.background{ background-color: rgb(221,  
246, 242) }
```

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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