

Converting Colors

CIELCh(95, 10.323, 167.541)

Have a look what the booklet for
CIELCh(95, 10.323, 167.541)
contains.

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Color

CIELCh(95, 10.196, 168.546)

Conversions

Conversions Part 1

Format	Color
Hex	DDF6EC
RGB	221, 246, 236
RGB Percent	87%, 96%, 93%
CMY	0.1320, 0.0339, 0.0732
CMYK	0.10, 0.00, 0.04, 0.03
HSL	156°, 59%, 92%
HSV	156°, 10%, 97%
XYZ	78.1687, 87.6183, 92.4054
YIQ	237.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

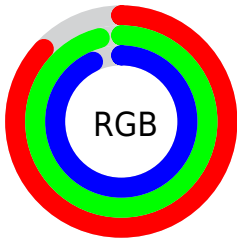
Format	Color
R _Y B	221, 237, 246
Decimal	14546668
CIE Lab	95.00, -9.99, 2.02
CIE LCh	95, 10.196, 168.546
Yxy	87.6183, 0.3028, 0.3394
Android (android.graphics.Color)	4292736748 (0xFFDDDF6EC)
YUV	237.3850, -0.6828, -14.3696
Hunter-Lab	93.6047, -14.7438, 6.9929

Details

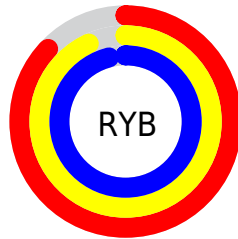
The CIELCh color **95, 10.196, 168.546** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 10.408, 350.293**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 10.387, 167.315** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.141, 167.529**, and if you desaturate by 10%, it is **97, 0.147, 172.923**.

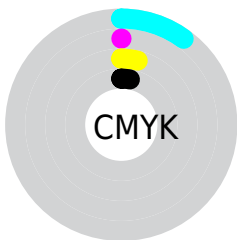
Distribution



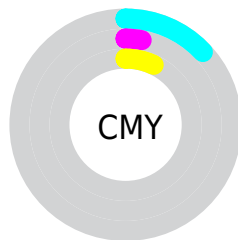
- Red (87%)
- Green (96%)
- Blue (93%)



- Red (87%)
- Yellow (93%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)





- Cyan (13%)
- Magenta (3%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.196, 168.546 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, 10.196, 168.546 by changing the saturation by 10% instead.


 95, 10.196,
168.546


 95, 10.196,
168.546


 100, 10.196,
168.546


 85, 10.196,
168.546

 75, 10.196,
168.546

 65, 10.196,
168.546

 55, 10.196,
168.546

 45, 10.196,
168.546

 35, 10.196,
168.546

 25, 10.196,

168.546

■ 15, 10.196,
168.546

■ 5, 10.196, 168.546

■ 95, 10.196,
168.546

■ 95, 10.196,
168.546

■ 93, 20.141,
167.529

■ 97, 0.147, 172.923

■ 92, 29.835,
166.436

■ 98, 5.389, 324.572

■ 90, 39.120,
165.226

■ 89, 47.824,
163.874

■ 88, 55.780,
162.354

■ 87, 62.851,
160.641

■ 87, 68.955,
158.716

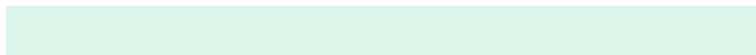
■ 86, 74.092,
156.576

■ 86, 78.374,
154.321

Harmonies

Complementary

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



95, 10.196, 168.546



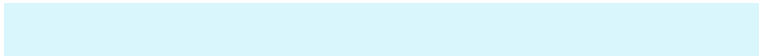
90, 10.408, 350.293

Rectangle

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



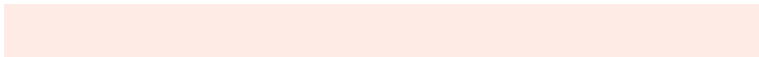
95, 10.196, 168.546



95, 10.196, 218.546



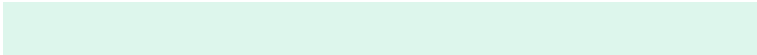
95, 10.196, 348.546



95, 10.196, 38.546

Sweetspot

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



95, 10.198, 168.540



99, 3.098, 169.314



95, 13.863, 131.503



53, 2.350, 169.207



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

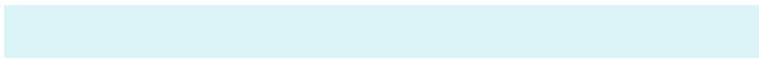
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 10.198, 168.540



98, 12.389, 168.355



95, 7.907, 206.789



50, 5.681, 168.607



67, 62.996, 154.755



21, 26.295, 158.293

Inverse Universe

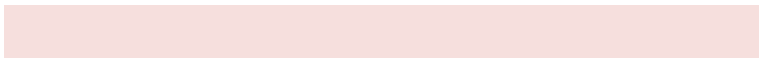
The Inverse Universe completely reimagines the original color for something new.



90, 10.408, 350.293



92, 12.689, 350.485



91, 8.450, 27.220



48, 5.791, 350.224



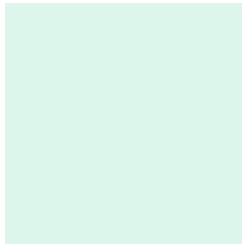
40, 66.950, 11.690



9, 29.666, 3.978

Previews

White Background



This preview shows how the CIELCh color 95, 10.196, 168.546 looks on a white background.

Color Contrast Check

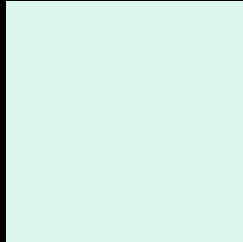
Large Text (above 18pt) WCAG AA × Fail

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, 10.196, 168.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

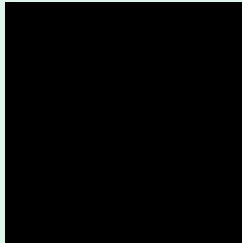
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

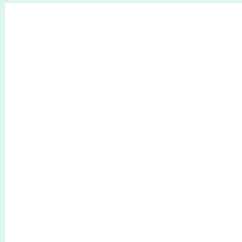
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 10.196, 168.546

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.196, 168.546.

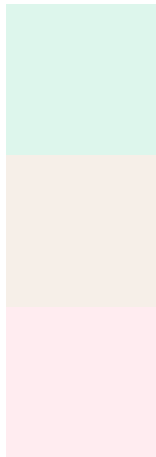


This preview shows how white text looks on a background with the CIELCh color 95, 10.196, 168.546.

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](#).

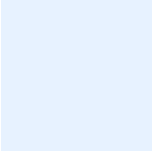
Dichromacy



Original Color
95, 10.196, 168.546

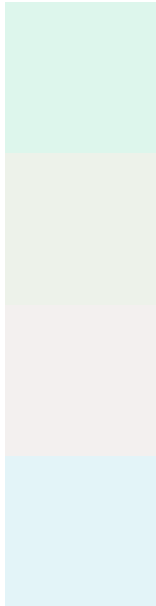
Protanopia
95, 4.358, 74.627

Deuteranopia
95, 7.104, 3.065



Tritanopia
95, 7.592, 261.110

Trichromacy



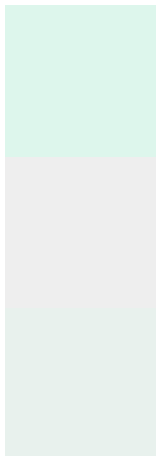
Original Color
95, 10.196, 168.546

Protanomaly
95, 4.480, 133.217

Deuteranomaly
95, 1.171, 44.824

Tritanomaly
95, 6.156, 218.681

Monochromacy



Original Color
95, 10.196, 168.546

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.796, 166.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.196, 168.546 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(221, 246, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 246, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.196, 168.546 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, 236) }
```

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

```
.border{ border-color:rgb(221, 246, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(221, 246,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.196, 168.546 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, 236) }
```

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

```
.background{ background-color: rgb(221,  
246, 236) }
```

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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