

Converting Colors

CIELCh(95, 13.815, 169.735)

Have a look what the booklet for
CIELCh(95, 13.815, 169.735)
contains.

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Color

CIELCh(95, 13.661, 169.282)

Conversions

Conversions Part 1

Format	Color
Hex	D6F8EB
RGB	214, 248, 235
RGB Percent	84%, 97%, 92%
CMY	0.1599, 0.0265, 0.0775
CMYK	0.14, 0.00, 0.05, 0.03
HSL	157°, 72%, 91%
HSV	157°, 14%, 97%
XYZ	76.4643, 87.6183, 91.6522
YIQ	236.3520, -16.0910, -11.2510

Conversions

Conversions Part 2

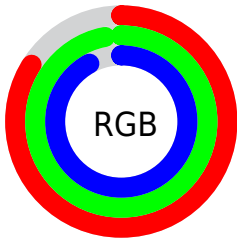
Format	Color
RYB	214, 235, 248
Decimal	14088427
CIELab	95.00, -13.42, 2.54
CIELCh	95, 13.661, 169.282
Yxy	87.6183, 0.2990, 0.3426
Android (android.graphics.Color)	4292278507 (0xFFD6F8EB)
YUV	236.3520, -0.6665, -19.6027
Hunter-Lab	93.6047, -17.9940, 7.4699

Details

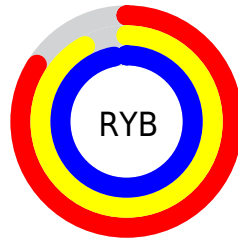
The CIELCh color **95, 13.661, 169.282** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 14.066, 351.775**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 13.999, 168.239** is the 20% darker color. If you saturate the color by 10%, you get **93, 23.457, 168.237**, and if you desaturate by 10%, it is **97, 3.698, 170.320**.

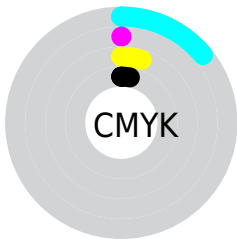
Distribution



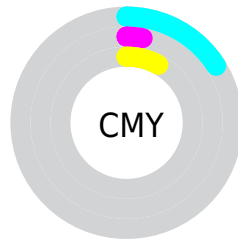
- Red (84%)
- Green (97%)
- Blue (92%)



- Red (84%)
- Yellow (92%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (16%)
- Magenta (3%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 13.661, 169.282 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, 13.661, 169.282 by changing the saturation by 10% instead.


 95, 13.661,
169.282


 95, 13.661,
169.282


 100, 13.661,
169.282


 85, 13.661,
169.282

 75, 13.661,
169.282

 65, 13.661,
169.282

 55, 13.661,
169.282

 45, 13.661,
169.282

 35, 13.661,
169.282

 25, 13.661,

169.282

■ 15, 13.661,
169.282

■ 5, 13.661, 169.282

■ 95, 13.661,
169.282

■ 95, 13.661,
169.282

■ 93, 23.457,
168.237

■ 97, 3.698, 170.320

■ 92, 32.932,
167.103

■ 98, 3.888, 327.823

■ 98, 4.211, 324.515

■ 90, 41.922,
165.846

■ 89, 50.255,
164.441

■ 88, 57.776,
162.861

■ 88, 64.364,
161.084

■ 87, 69.968,
159.092

■ 87, 74.629,
156.891

■ 87, 77.207,
155.447

Harmonies

Complementary

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



95, 13.661, 169.282



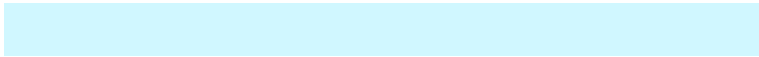
89, 14.066, 351.775

Rectangle

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



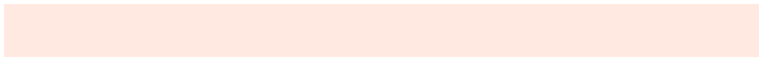
95, 13.661, 169.282



95, 13.661, 219.282



95, 13.661, 349.282



95, 13.661, 39.282

Sweetspot

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



95, 13.663, 169.278



99, 4.086, 170.282



95, 19.010, 132.452



53, 2.904, 170.193



0, 0.000, 0.000



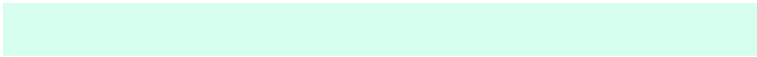
53, 0.007, 296.813

Same Dimension

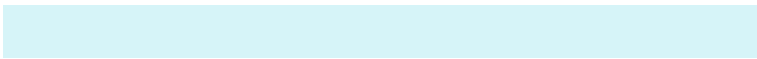
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 13.663, 169.278



97, 16.287, 169.043



94, 10.334, 210.259



51, 5.710, 169.699



68, 62.357, 155.866



22, 26.614, 159.205

Inverse Universe

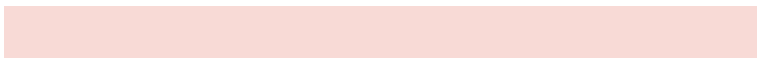
The Inverse Universe completely reimagines the original color for something new.



89, 14.066, 351.775



89, 16.849, 352.024



89, 11.322, 30.554



49, 5.828, 351.335



40, 67.887, 13.458



9, 30.461, 5.881

Previews

White Background



This preview shows how the CIE LCh color 95, 13.661, 169.282 looks on a white background.

Color Contrast Check

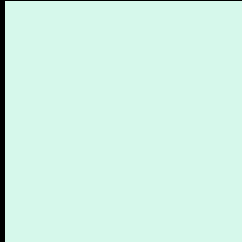
Large Text (above 18pt) WCAG AA × Fail

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, 13.661, 169.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

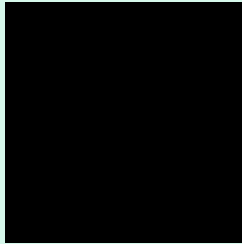
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

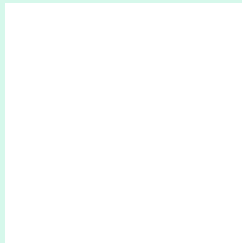
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 13.661, 169.282

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.661, 169.282.

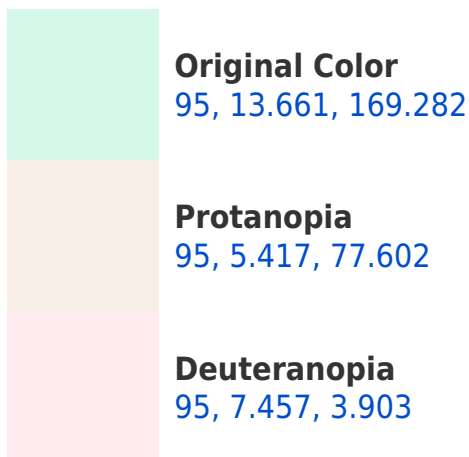


This preview shows how white text looks on a background with the CIELCh color 95, 13.661, 169.282.

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



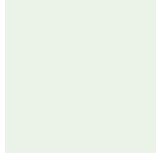


Tritanopia
95, 8.125, 248.708

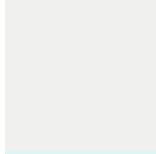
Trichromacy



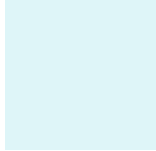
Original Color
95, 13.661, 169.282



Protanomaly
95, 5.719, 135.597



Deuteranomaly
95, 1.015, 110.026

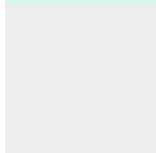


Tritanomaly
95, 7.982, 210.149

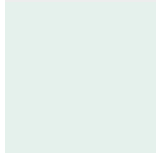
Monochromacy



Original Color
95, 13.661, 169.282



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 4.970, 168.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.661, 169.282 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(214, 248, 235)` looks like.

```
.text, #text, p{  
    color:rgb(214, 248, 235)  
}
```

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(214, 248, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 248, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.661, 169.282 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(214, 248, 235) }
```

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

```
.border{ border-color:rgb(214, 248, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 248, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(214, 248,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.661, 169.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 248, 235) }
```

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

```
.background{ background-color: rgb(214,  
248, 235) }
```

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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