

Converting Colors

CIELCh(95, 24.978, 159.855)

Have a look what the booklet for
CIELCh(95, 24.978, 159.855)
contains.

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Color

CIELCh(95, 24.996, 159.846)

Conversions

Conversions Part 1

Format	Color
Hex	C5FDDF
RGB	197, 253, 223
RGB Percent	77%, 99%, 87%
CMY	0.2267, 0.0070, 0.1247
CMYK	0.22, 0.00, 0.12, 0.01
HSL	148°, 94%, 88%
HSV	148°, 22%, 99%
XYZ	71.6165, 87.6183, 83.0929
YIQ	232.8360, -23.7460, -21.2020

Conversions

Conversions Part 2

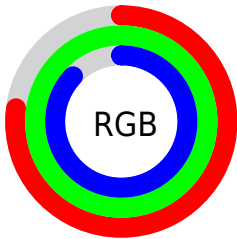
Format	Color
R _Y B	197, 235, 253
Decimal	12975583
CIE Lab	95.00, -23.47, 8.61
CIE LCh	95, 24.996, 159.846
Yxy	87.6183, 0.2955, 0.3616
Android (android.graphics.Color)	4291165663 (0xFFC5FDDE)
YUV	232.8360, -4.8491, -31.4282
Hunter-Lab	93.6047, -27.2386, 12.8915

Details

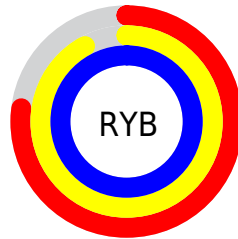
The CIELCh color **95, 24.996, 159.846** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 25.587, 343.674**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.347, 201.292**, and **75, 24.893, 160.193** is the 20% darker color. If you saturate the color by 10%, you get **93, 36.085, 158.781**, and if you desaturate by 10%, it is **97, 13.714, 160.799**.

Distribution



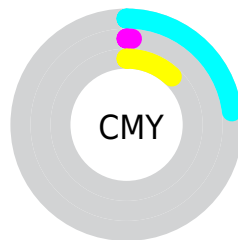
- Red (77%)
- Green (99%)
- Blue (87%)



- Red (77%)
- Yellow (92%)
- Blue (99%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)





- Cyan (23%)
- Magenta (1%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 24.996, 159.846 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, 24.996, 159.846 by changing the saturation by 10% instead.


 95, 24.996,
159.846


 95, 24.996,
159.846


 100, 24.996,
159.846


 85, 24.996,
159.846

 75, 24.996,
159.846

 65, 24.996,
159.846

 55, 24.996,
159.846

 45, 24.996,
159.846

 35, 24.996,
159.846

 25, 24.996,

159.846

■ 15, 24.996,
159.846

■ 5, 24.996, 159.846

■ 95, 24.996,
159.846

■ 95, 24.996,
159.846

■ 93, 36.085,
158.781

■ 97, 13.714,
160.799

■ 92, 46.792,
157.579

■ 99, 2.386, 161.801

■ 91, 56.924,
156.212

100, 1.118,
324.204

■ 90, 66.283,
154.655

■ 89, 74.705,
152.889

■ 88, 82.083,
150.907

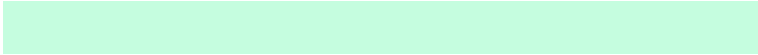
■ 88, 88.402,
148.727

■ 88, 92.751,
146.941

Harmonies

Complementary

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



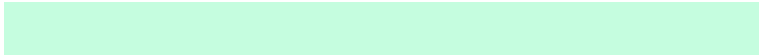
95, 24.996, 159.846



85, 25.587, 343.674

Rectangle

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



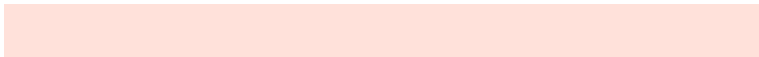
95, 24.996, 159.846



95, 24.996, 209.846



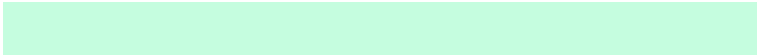
95, 24.996, 339.846



95, 24.996, 29.846

Sweetspot

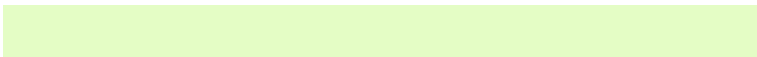
The Sweet Spot groups the original color and five complimentary colors.



95, 24.998, 159.845



98, 7.957, 161.265



96, 29.922, 126.241



52, 5.171, 161.210



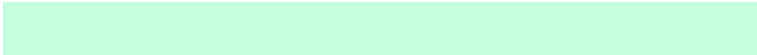
0, 0.000, 0.000



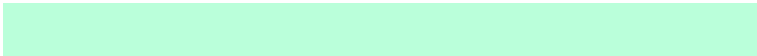
53, 0.007, 296.813

Same Dimension

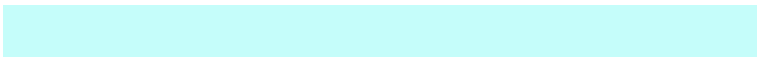
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 24.998, 159.845



95, 30.618, 159.340



96, 18.618, 193.808



52, 6.467, 161.036



68, 74.443, 147.359



23, 32.056, 150.569

Inverse Universe

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



85, 25.587, 343.674



83, 31.490, 344.165



85, 21.290, 17.158



50, 6.539, 342.505



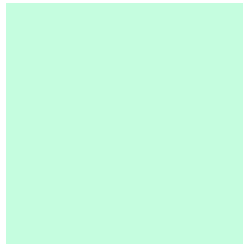
41, 68.765, 358.746



11, 32.252, 353.710

Previews

White Background



This preview shows how the CIELCh color 95, 24.996, 159.846 looks on a white background.

Color Contrast Check

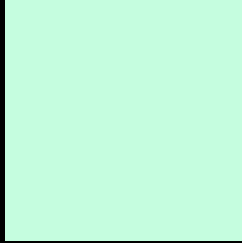
Large Text (above 18pt) WCAG AA × Fail

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, 24.996, 159.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

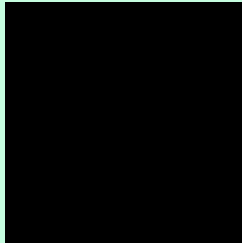
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

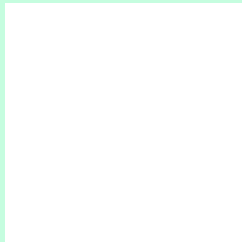
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 24.996, 159.846

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.996, 159.846.

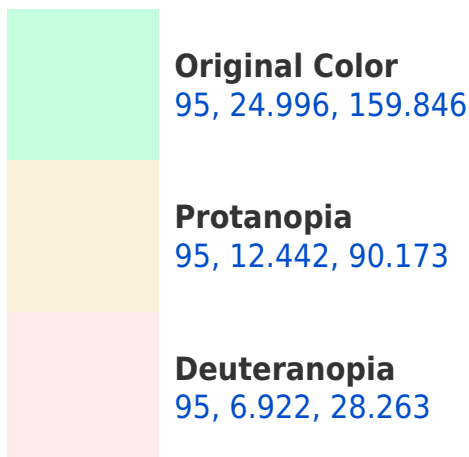


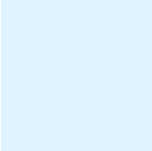
This preview shows how white text looks on a background with the CIELCh color 95, 24.996, 159.846.

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



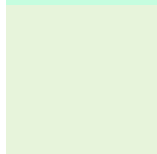


Tritanopia
95, 9.224, 236.971

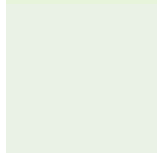
Trichromacy



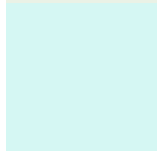
Original Color
95, 24.996, 159.846



Protanomaly
95, 13.667, 129.324



Deuteranomaly
95, 6.805, 134.492



Tritanomaly
95, 11.844, 188.660

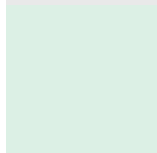
Monochromacy



Original Color
95, 24.996, 159.846



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.116, 160.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.996, 159.846 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(197, 253, 223)` looks like.

```
.text, #text, p{  
    color:rgb(197, 253, 223)  
}
```

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(197, 253, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 253, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.996, 159.846 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(197, 253, 223) }
```

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

```
.border{ border-color:rgb(197, 253, 223) }
```

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

Here you see how a box with a 4 pixel rgb(197, 253, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 253, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 253, 223);  
box-shadow:4px 4px 4px 4px rgb(197, 253,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.996, 159.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 253, 223) }
```

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

```
.background{ background-color: rgb(197,  
253, 223) }
```

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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