

Converting Colors

CIELCh(100, 36.800, 155.364)

Have a look what the booklet for
CIELCh(100, 36.800, 155.364)
contains.

CIELCh(95, 26.598, 161.060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 26.598, 161.060)

Conversions

Conversions Part 1

Format	Color
Hex	C1FEDF
RGB	193, 254, 223
RGB Percent	76%, 100%, 87%
CMY	0.2427, 0.0036, 0.1251
CMYK	0.24, 0.00, 0.12, 0.00
HSL	150°, 97%, 88%
HSV	150°, 24%, 100%
XYZ	70.8203, 87.6183, 83.0644
YIQ	232.2270, -26.4050, -22.5730

Conversions

Conversions Part 2

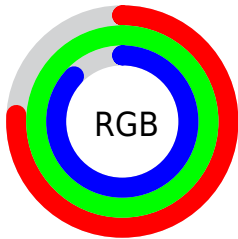
Format	Color
RYB	193, 234, 254
Decimal	12713695
CIELab	95.00, -25.16, 8.63
CIELCh	95, 26.598, 161.060
Yxy	87.6183, 0.2932, 0.3628
Android (android.graphics.Color)	4290903775 (0xFFC1FEDF)
YUV	232.2270, -4.5489, -34.4021
Hunter-Lab	93.6047, -28.7570, 12.9095

Details

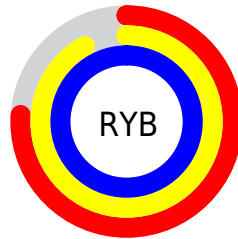
The CIELCh color **95, 26.598, 161.060** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 27.382, 345.372**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **75, 26.557, 161.331** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.394, 159.957**, and if you desaturate by 10%, it is **97, 15.560, 162.047**.

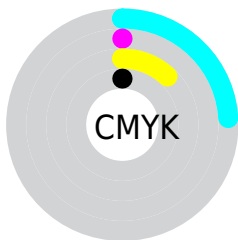
Distribution



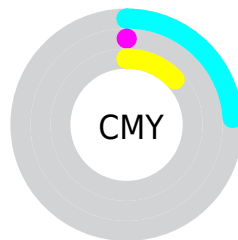
- Red (76%)
- Green (100%)
- Blue (87%)



- Red (76%)
- Yellow (92%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 26.598, 161.060 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, 26.598, 161.060 by changing the saturation by 10% instead.


 95, 26.598,
161.060


 95, 26.598,
161.060


 100, 26.598,
161.060


 85, 26.598,
161.060

 75, 26.598,
161.060

 65, 26.598,
161.060

 55, 26.598,
161.060

 45, 26.598,
161.060

 35, 26.598,
161.060

 25, 26.598,

161.060

■ 15, 26.598,
161.060

■ 5, 26.598, 161.060

■ 95, 26.598,
161.060

■ 95, 26.598,
161.060

■ 93, 37.394,
159.957

■ 97, 15.560,
162.047

■ 92, 47.761,
158.715

■ 99, 4.433, 163.000

■ 91, 57.506,
157.305

100, 0.579,
323.927

■ 90, 66.443,
155.703

■ 89, 74.424,
153.889

■ 89, 81.366,
151.858

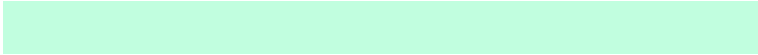
■ 88, 87.284,
149.630

■ 88, 90.453,
148.256

Harmonies

Complementary

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



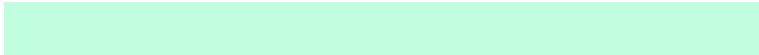
95, 26.598, 161.060



84, 27.382, 345.372

Rectangle

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



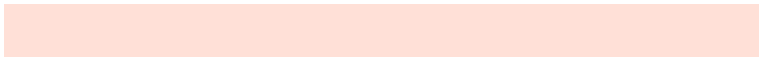
95, 26.598, 161.060



95, 26.598, 211.060



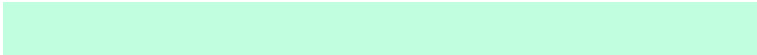
95, 26.598, 341.060



95, 26.598, 31.060

Sweetspot

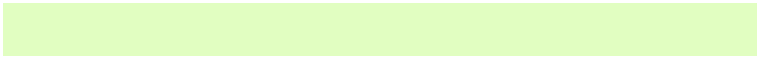
The Sweet Spot groups the original color and five complimentary colors.



95, 26.600, 161.059



99, 7.799, 162.700



96, 32.796, 127.358



52, 5.068, 162.643



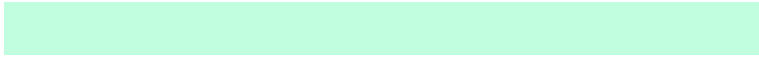
0, 0.000, 0.000



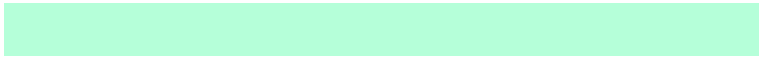
53, 0.007, 296.813

Same Dimension

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



95, 26.600, 161.059



94, 32.136, 160.523



96, 19.973, 196.677



52, 6.338, 162.466



68, 72.410, 148.682



23, 31.216, 151.910

Inverse Universe

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



84, 27.382, 345.372



82, 33.271, 345.907



84, 23.368, 19.966



50, 6.417, 343.970



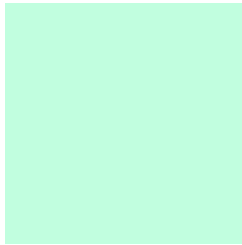
41, 68.340, 1.345



10, 31.947, 355.872

Previews

White Background



This preview shows how the CIE LCh color 95, 26.598, 161.060 looks on a white background.

Color Contrast Check

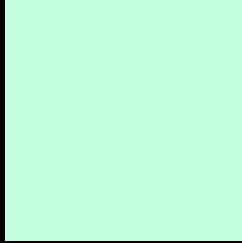
Large Text (above 18pt) WCAG AA × Fail

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, 26.598, 161.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

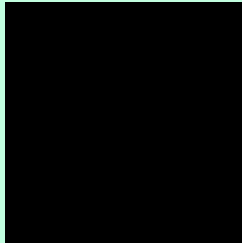
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 26.598, 161.060

Background



This preview shows how black text looks on a background with the CIELCh color 95, 26.598, 161.060.

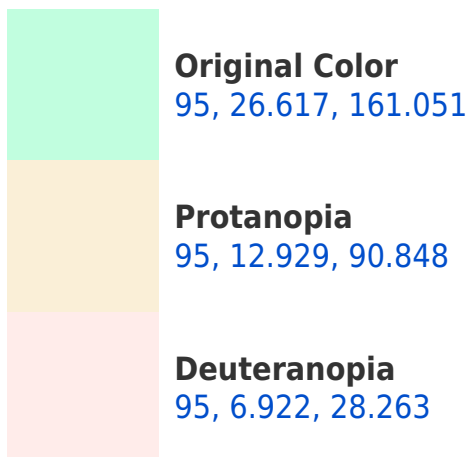


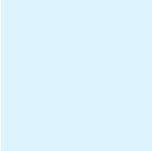
This preview shows how white text looks on a background with the CIELCh color 95, 26.598, 161.060.

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



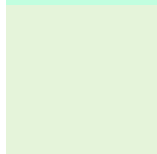


Tritanopia
95, 9.485, 235.741

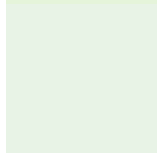
Trichromacy



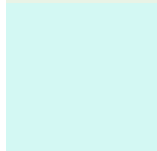
Original Color
95, 26.617, 161.051



Protanomaly
94, 14.417, 131.263



Deuteranomaly
95, 7.765, 139.953



Tritanomaly
95, 12.931, 187.118

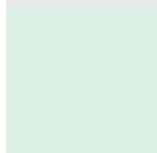
Monochromacy



Original Color
95, 26.617, 161.051



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.671, 162.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 26.598, 161.060 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(193, 254, 223)` looks like.

```
.text, #text, p{  
    color:rgb(193, 254, 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(193, 254, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 254, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 26.598, 161.060 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(193, 254, 223) }
```

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

```
.border{ border-color:rgb(193, 254, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 254, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 254, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 254, 223);  
box-shadow:4px 4px 4px 4px rgb(193, 254,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 26.598, 161.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 254, 223) }
```

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

```
.background{ background-color: rgb(193,  
254, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor