

Converting Colors

CIELCh(95, 27.983, 165.627)

Have a look what the booklet for
CIELCh(95, 27.983, 165.627)
contains.

CIELCh(95, 28.059, 165.575)	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, 28.059, 165.575)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFE2
RGB	186, 255, 226
RGB Percent	73%, 100%, 89%
CMY	0.2698, 0.0000, 0.1129
CMYK	0.27, 0.00, 0.11, 0.00
HSL	155°, 100%, 87%
HSV	155°, 27%, 100%
XYZ	69.8794, 87.6183, 85.3254
YIQ	231.0630, -31.8150, -23.6470

Conversions

Conversions Part 2

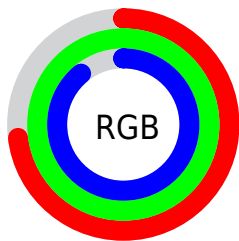
Format	Color
RYB	186, 230, 255
Decimal	12255202
CIELab	95.00, -27.17, 6.99
CIELCh	95, 28.059, 165.575
Yxy	87.6183, 0.2878, 0.3608
Android (android.graphics.Color)	4290445282 (0xFFBAFFE2)
YUV	231.0630, -2.4961, -39.5203
Hunter-Lab	93.6047, -30.5513, 11.4774

Details

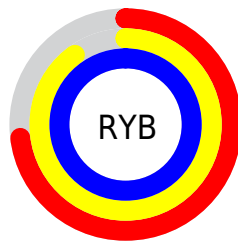
The CIELCh color **95, 28.059, 165.575** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 29.363, 350.999**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **75, 27.980, 165.883** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.810, 164.515**, and if you desaturate by 10%, it is **97, 17.720, 166.745**.

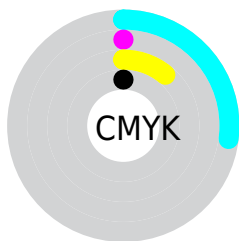
Distribution



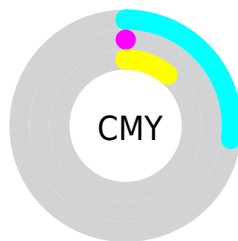
- Red (73%)
- Green (100%)
- Blue (89%)



- Red (73%)
- Yellow (90%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 28.059, 165.575 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, 28.059, 165.575 by changing the saturation by 10% instead.


 95, 28.059,
165.575


 95, 28.059,
165.575


 100, 28.059,
165.575


 85, 28.059,
165.575

 75, 28.059,
165.575

 65, 28.059,
165.575

 55, 28.059,
165.575

 45, 28.059,
165.575

 35, 28.059,
165.575

 25, 28.059,

165.575

■ 15, 28.059,
165.575

■ 5, 28.059, 165.575

■ 95, 28.059,
165.575

■ 95, 28.059,
165.575

■ 93, 37.810,
164.515

■ 97, 17.720,
166.745

■ 92, 47.146,
163.208

■ 99, 7.304, 167.739

■ 91, 55.771,
161.736

100, 0.012,
296.813

■ 90, 63.529,
160.075

■ 90, 70.308,
158.203

■ 89, 76.078,
156.114

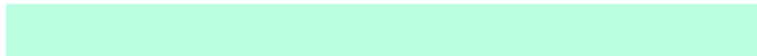
■ 89, 80.915,
153.828

■ 89, 82.271,
153.136

Harmonies

Complementary

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



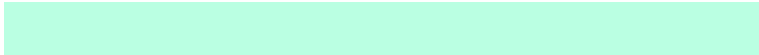
95, 28.059, 165.575



83, 29.363, 350.999

Rectangle

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



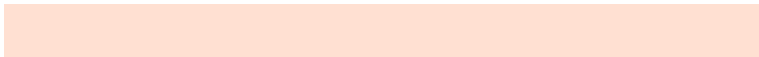
95, 28.059, 165.575



95, 28.059, 215.575



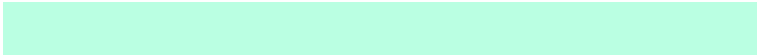
95, 28.059, 345.575



95, 28.059, 35.575

Sweetspot

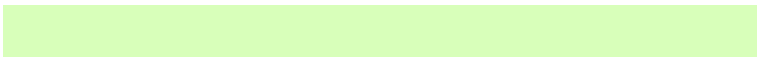
The Sweet Spot groups the original color and five complimentary colors.



95, 27.942, 165.685



98, 8.372, 167.637



96, 37.759, 130.131



52, 5.949, 167.488



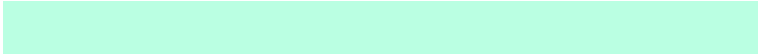
0, 0.000, 0.000



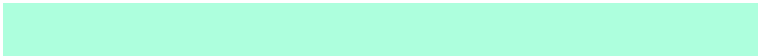
53, 0.007, 296.813

Same Dimension

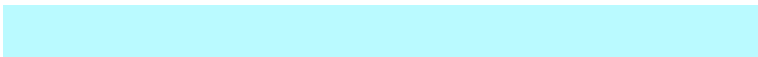
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 27.942, 165.685



94, 32.951, 165.113



94, 20.776, 204.718



52, 5.949, 167.488



68, 65.718, 153.571



23, 28.501, 156.788

Inverse Universe

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



83, 29.363, 350.999



80, 34.947, 351.629



83, 25.128, 26.804



50, 6.056, 349.096



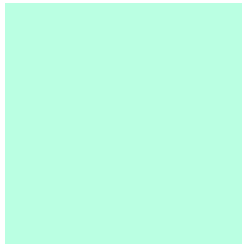
41, 68.137, 10.001



10, 31.347, 3.217

Previews

White Background



This preview shows how the CIE LCh color 95, 28.059, 165.575 looks on a white background.

Color Contrast Check

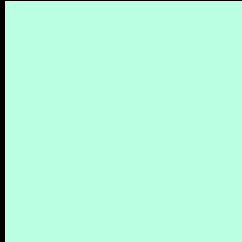
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 28.059, 165.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

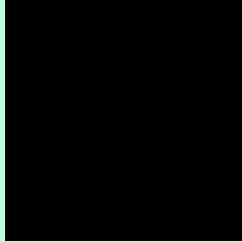
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

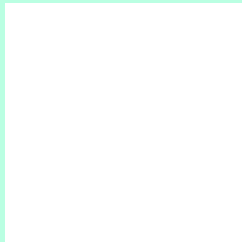
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 28.059, 165.575

Background



This preview shows how black text looks on a background with the CIELCh color 95, 28.059, 165.575.

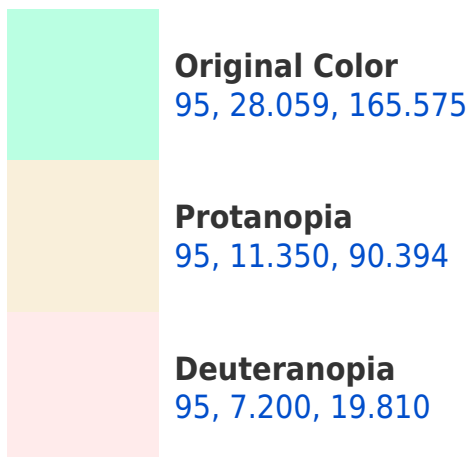


This preview shows how white text looks on a background with the CIELCh color 95, 28.059, 165.575.

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



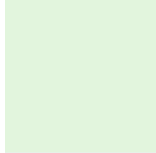


Tritanopia
95, 10.287, 232.440

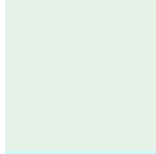
Trichromacy



Original Color
95, 28.059, 165.575



Protanomaly
95, 14.121, 138.125

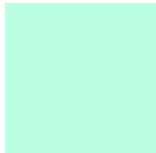


Deuteranomaly
94, 6.704, 149.135

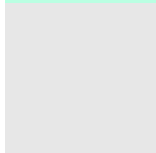


Tritanomaly
95, 14.306, 192.308

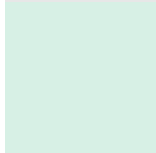
Monochromacy



Original Color
95, 28.059, 165.575



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.530, 166.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 28.059, 165.575 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(186, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 226)  
}
```

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(186, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 28.059, 165.575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

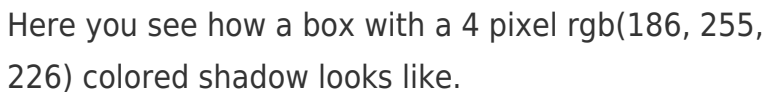
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 255, 226) }
```

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

```
.border{ border-color:rgb(186, 255, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 255, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 255, 226); box-shadow:4px 4px 4px 4px rgb(186, 255, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 28.059, 165.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 226) }
```

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

```
.background{ background-color: rgb(186,  
255, 226) }
```

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