

Converting Colors

CIELCh(100, 38.943, 158.921)

Have a look what the booklet for
CIELCh(100, 38.943, 158.921)
contains.

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Color

CIElCh(95, 28.324, 165.886)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFE2
RGB	185, 255, 226
RGB Percent	73%, 100%, 89%
CMY	0.2731, 0.0000, 0.1123
CMYK	0.27, 0.00, 0.11, 0.00
HSL	155°, 100%, 86%
HSV	155°, 27%, 100%
XYZ	69.7426, 87.6183, 85.4407
YIQ	230.7640, -32.4110, -23.8590

Conversions

Conversions Part 2

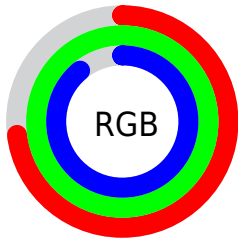
Format	Color
RYB	185, 229, 255
Decimal	12189666
CIELab	95.00, -27.47, 6.91
CIELCh	95, 28.324, 165.886
Yxy	87.6183, 0.2872, 0.3609
Android (android.graphics.Color)	4290379746 (0xFFB9FFE2)
YUV	230.7640, -2.3487, -40.1350
Hunter-Lab	93.6047, -30.8120, 11.4044

Details

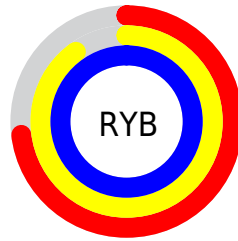
The CIELCh color **95, 28.324, 165.886** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 29.619, 351.497**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **75, 28.245, 166.182** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.908, 164.903**, and if you desaturate by 10%, it is **97, 17.972, 167.144**.

Distribution



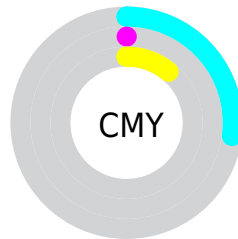
- Red (73%)
- Green (100%)
- Blue (89%)



- 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, 28.324, 165.886 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, 28.324, 165.886 by changing the saturation by 10% instead.


 95, 28.324,
165.886


 95, 28.324,
165.886


 100, 28.324,
165.886


 85, 28.324,
165.886

 75, 28.324,
165.886

 65, 28.324,
165.886

 55, 28.324,
165.886

 45, 28.324,
165.886

 35, 28.324,
165.886

 25, 28.324,

165.886

■ 15, 28.324,
165.886

■ 5, 28.324, 165.886

■ 95, 28.324,
165.886

■ 95, 28.324,
165.886

■ 93, 37.908,
164.903

■ 97, 17.972,
167.144

■ 92, 47.152,
163.591

■ 98, 7.616, 168.142

■ 91, 55.676,
162.114

100, 0.012,
296.813

■ 90, 63.325,
160.449

■ 90, 69.994,
158.573

■ 89, 75.655,
156.480

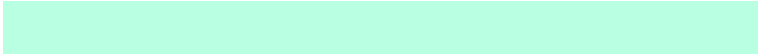
■ 89, 80.394,
154.193

■ 89, 81.582,
153.579

Harmonies

Complementary

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



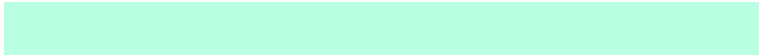
95, 28.324, 165.886



82, 29.619, 351.497

Rectangle

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



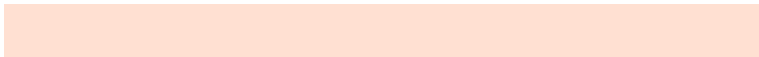
95, 28.324, 165.886



95, 28.324, 215.886



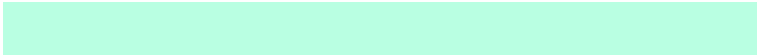
95, 28.324, 345.886



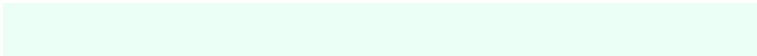
95, 28.324, 35.886

Sweetspot

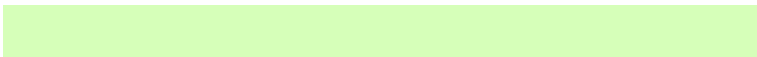
The Sweet Spot groups the original color and five complimentary colors.



95, 28.123, 166.079



98, 8.330, 168.073



96, 38.397, 130.678



52, 5.919, 167.924



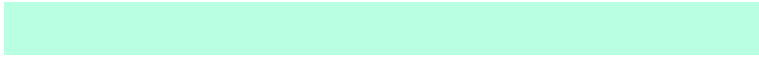
0, 0.000, 0.000



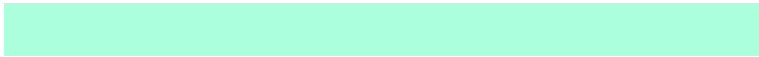
53, 0.007, 296.813

Same Dimension

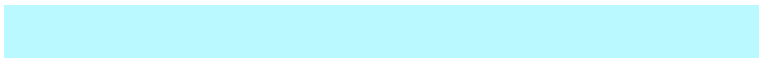
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 28.123, 166.079



94, 33.743, 165.426



94, 20.688, 206.527



52, 5.919, 167.924



68, 65.173, 154.013



23, 28.282, 157.224

Inverse Universe

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



82, 29.619, 351.497



79, 35.924, 352.225



83, 25.110, 28.236



50, 6.029, 349.539



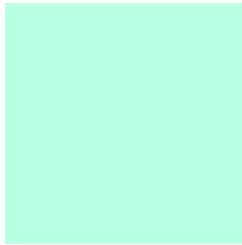
41, 68.201, 10.710



10, 31.326, 3.831

Previews

White Background



This preview shows how the CIE LCh color 95, 28.324, 165.886 looks on a white background.

Color Contrast Check

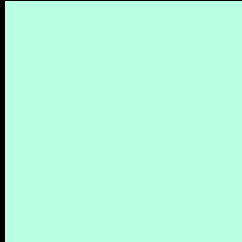
Large Text (above 18pt) WCAG AA × Fail

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, 28.324, 165.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

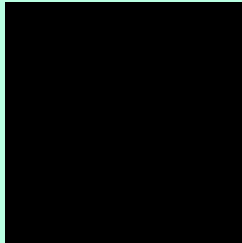
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 28.324, 165.886

Background



This preview shows how black text looks on a background with the CIELCh color 95, 28.324, 165.886.

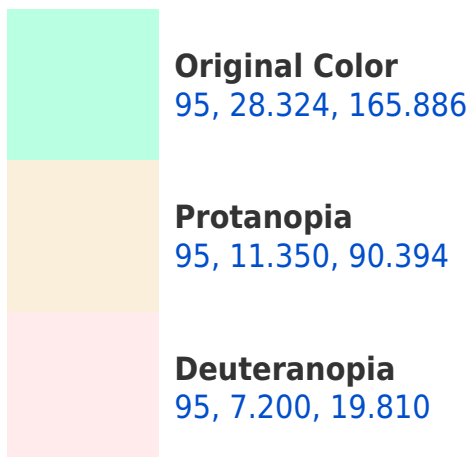


This preview shows how white text looks on a background with the CIELCh color 95, 28.324, 165.886.

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



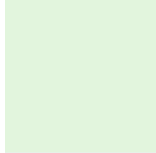


Tritanopia
95, 10.287, 232.440

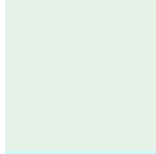
Trichromacy



Original Color
95, 28.324, 165.886



Protanomaly
95, 14.121, 138.125

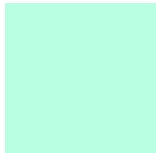


Deuteranomaly
94, 6.704, 149.135

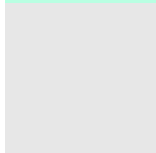


Tritanomaly
95, 14.306, 192.308

Monochromacy



Original Color
95, 28.324, 165.886



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.822, 167.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 28.324, 165.886 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(185, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 28.324, 165.886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

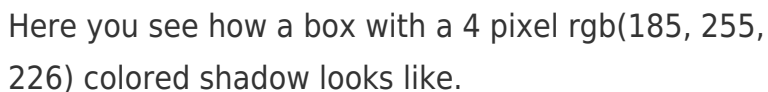
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 255, 226) }
```

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

```
.border{ border-color:rgb(185, 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(185, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 28.324, 165.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 226) }
```

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

```
.background{ background-color: rgb(185,  
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](#).

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