

Converting Colors

CIELCh(100, 39.421, 160.499)

Have a look what the booklet for
CIELCh(100, 39.421, 160.499)
contains.

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Color

CIELCh(95, 28.792, 168.748)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFE5
RGB	182, 255, 229
RGB Percent	71%, 100%, 90%
CMY	0.2870, 0.0000, 0.1027
CMYK	0.29, 0.00, 0.10, 0.00
HSL	159°, 100%, 86%
HSV	159°, 29%, 100%
XYZ	69.3862, 87.6183, 87.2440
YIQ	230.2090, -35.1620, -23.5620

Conversions

Conversions Part 2

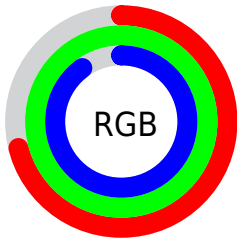
Format	Color
RYB	182, 226, 255
Decimal	11993061
CIELab	95.00, -28.24, 5.62
CIELCh	95, 28.792, 168.748
Yxy	87.6183, 0.2841, 0.3587
Android (android.graphics.Color)	4290183141 (0xFFB6FFE5)
YUV	230.2090, -0.5960, -42.2793
Hunter-Lab	93.6047, -31.4918, 10.2621

Details

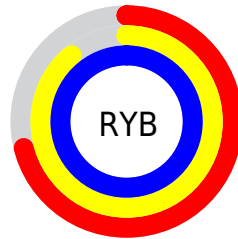
The CIELCh color **95, 28.792, 168.748** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 30.349, 355.159**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **75, 28.098, 169.753** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.575, 168.044**, and if you desaturate by 10%, it is **96, 18.680, 170.325**.

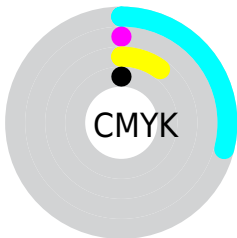
Distribution



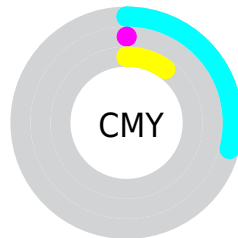
- Red (71%)
- Green (100%)
- Blue (90%)



- Red (71%)
- Yellow (89%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 28.792, 168.748 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, 28.792, 168.748 by changing the saturation by 10% instead.

 95, 28.792,
168.748

 95, 28.792,
168.748

 100, 28.792,
168.748

 85, 28.792,
168.748

 75, 28.792,
168.748

 65, 28.792,
168.748

 55, 28.792,
168.748

 45, 28.792,
168.748

 35, 28.792,
168.748

 25, 28.792,

168.748

■ 15, 28.792,
168.748

■ 5, 28.792, 168.748

■ 95, 28.792,
168.748

■ 95, 28.792,
168.748

■ 93, 37.575,
168.044

■ 96, 18.680,
170.325

■ 92, 46.206,
166.721

■ 98, 8.748, 171.346

■ 91, 54.066,
165.241

100, 0.012,
296.813

■ 90, 61.017,
163.578

■ 90, 66.973,
161.710

■ 89, 71.930,
159.629

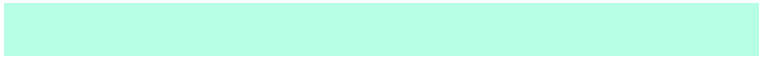
■ 89, 76.021,
157.367

■ 89, 76.524,
157.076

Harmonies

Complementary

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



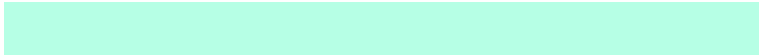
95, 28.792, 168.748



81, 30.349, 355.159

Rectangle

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



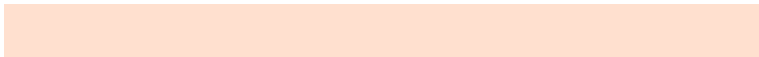
95, 28.792, 168.748



95, 28.792, 218.748



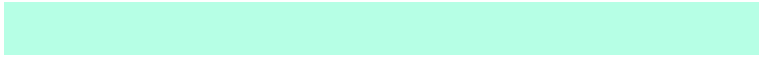
95, 28.792, 348.748



95, 28.792, 38.748

Sweetspot

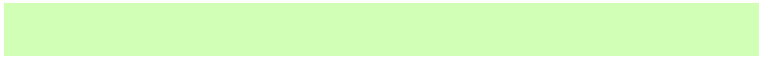
The Sweet Spot groups the original color and five complimentary colors.



95, 28.343, 169.237



98, 9.044, 171.316



95, 40.912, 132.257



52, 6.281, 171.168



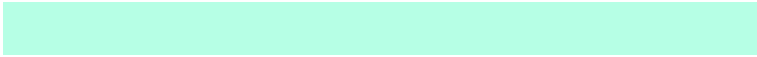
0, 0.000, 0.000



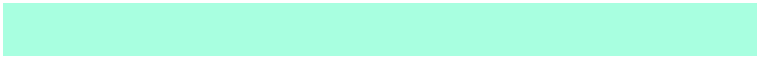
53, 0.007, 296.813

Same Dimension

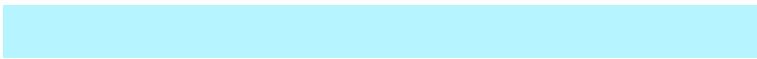
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 28.343, 169.237



94, 33.296, 168.620



93, 20.761, 212.340



52, 5.712, 171.264



69, 61.174, 157.505



23, 26.689, 160.644

Inverse Universe

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



81, 30.349, 355.159



78, 36.120, 355.893



83, 25.496, 32.766



50, 5.843, 352.922



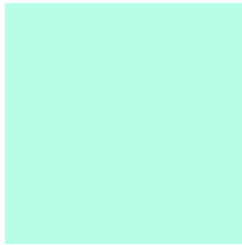
40, 69.052, 15.881



10, 31.297, 8.364

Previews

White Background



This preview shows how the CIE LCh color 95, 28.792, 168.748 looks on a white background.

Color Contrast Check

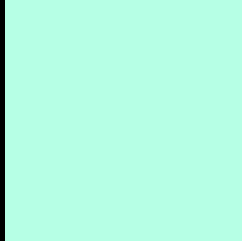
Large Text (above 18pt) WCAG AA × Fail

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, 28.792, 168.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

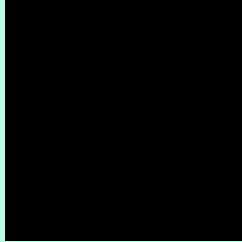
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 28.792, 168.748

Background



This preview shows how black text looks on a background with the CIELCh color 95, 28.792, 168.748.

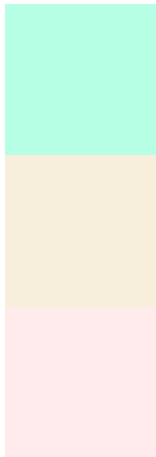


This preview shows how white text looks on a background with the CIELCh color 95, 28.792, 168.748.

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



Original Color
95, 28.236, 169.351

Protanopia
94, 9.909, 87.714

Deuteranopia
94, 7.623, 12.136

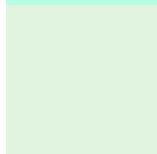


Tritanopia
95, 10.834, 230.521

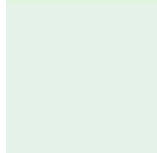
Trichromacy



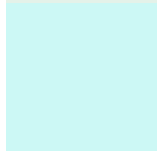
Original Color
95, 28.236, 169.351



Protanomaly
94, 12.997, 142.711



Deuteranomaly
94, 6.812, 156.331



Tritanomaly
95, 14.942, 192.528

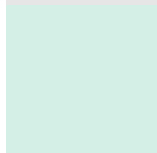
Monochromacy



Original Color
95, 28.236, 169.351



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.592, 172.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 28.792, 168.748 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(182, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 229)  
}
```

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(182, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 28.792, 168.748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

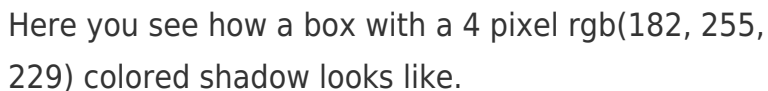
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 255, 229) }
```

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

```
.border{ border-color:rgb(182, 255, 229) }
```

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



Here you see how a box with a 4 pixel rgb(182, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 255, 229); box-shadow:4px 4px 4px 4px rgb(182, 255, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 28.792, 168.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 229) }
```

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

```
.background{ background-color: rgb(182,  
255, 229) }
```

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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