

Converting Colors

CIELCh(95, 18.259, 197.034)

Have a look what the booklet for
CIELCh(95, 18.259, 197.034)
contains.

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Color

CIELCh(95, 18.192, 196.656)

Conversions

Conversions Part 1

Format	Color
Hex	C4FBFA
RGB	196, 251, 250
RGB Percent	77%, 98%, 98%
CMY	0.2314, 0.0157, 0.0197
CMYK	0.22, 0.00, 0.00, 0.02
HSL	179°, 87%, 88%
HSV	179°, 22%, 98%
XYZ	74.5052, 87.6183, 103.4137
YIQ	234.4410, -32.4590, -11.9710

Conversions

Conversions Part 2

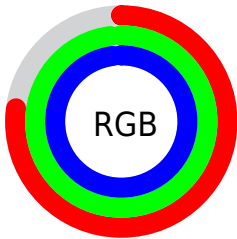
Format	Color
R_{YB}	196, 224, 251
Decimal	12909562
CIE _{Lab}	95.00, -17.43, -5.21
CIE _{LCh}	95, 18.192, 196.656
Yxy	87.6183, 0.2806, 0.3300
Android (android.graphics.Color)	4291099642 (0xFFC4FBFA)
YUV	234.4410, 7.6706, -33.7128
Hunter-Lab	93.6047, -21.7300, 0.0201

Details

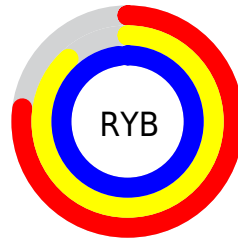
The CIELCh color **95, 18.192, 196.656** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 20.961, 19.618**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.347, 201.292**, and **75, 18.020, 198.054** is the 20% darker color. If you saturate the color by 10%, you get **94, 25.552, 196.115**, and if you desaturate by 10%, it is **97, 10.186, 197.241**.

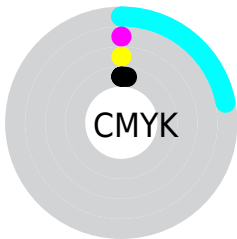
Distribution



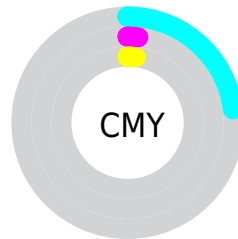
- Red (77%)
- Green (98%)
- Blue (98%)



- Red (77%)
- Yellow (88%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (23%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 18.192, 196.656 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, 18.192, 196.656 by changing the saturation by 10% instead.


 95, 18.192,
196.656


 95, 18.192,
196.656


 100, 18.192,
196.656


 85, 18.192,
196.656

 75, 18.192,
196.656

 65, 18.192,
196.656

 55, 18.192,
196.656

 45, 18.192,
196.656

 35, 18.192,
196.656

 25, 18.192,

196.656

■ 15, 18.192,
196.656

■ 5, 18.192, 196.656

■ 95, 18.192,
196.656

■ 95, 18.192,
196.656

■ 94, 25.552,
196.115

■ 97, 10.186,
197.241

■ 93, 32.118,
195.624

■ 98, 1.674, 198.160

■ 92, 37.756,
195.179

■ 99, 1.425, 11.452

■ 99, 1.478, 2.498

■ 91, 42.360,
194.780

■ 99, 1.564, 354.342

90, 45.868,
194.421

99, 1.677, 347.165

90, 48.279,
194.098

99, 1.814, 340.987

90, 49.669,
193.802

99, 1.969, 335.730

90, 50.216,
193.574

99, 2.139, 331.275

Harmonies

Complementary

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



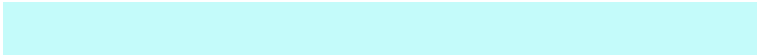
95, 18.192, 196.656



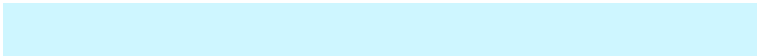
84, 20.961, 19.618

Rectangle

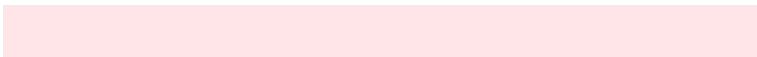
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



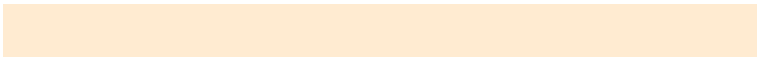
95, 18.192, 196.656



95, 18.192, 246.656



95, 18.192, 16.656



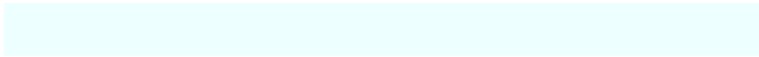
95, 18.192, 66.656

Sweetspot

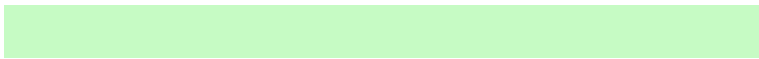
The Sweet Spot groups the original color and five complimentary colors.



95, 18.193, 196.651



99, 6.136, 197.572



94, 34.208, 142.177



53, 3.981, 197.528



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

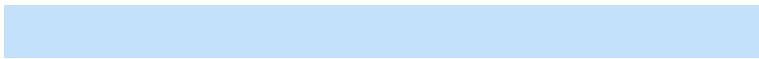
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 18.193, 196.651



96, 21.560, 196.425



88, 16.244, 254.877



51, 4.872, 197.398



69, 40.518, 193.621



23, 18.298, 193.965

Inverse Universe

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



84, 20.961, 19.618



83, 25.580, 20.072



90, 17.449, 69.095



49, 5.166, 18.466



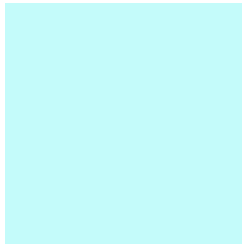
39, 82.564, 39.273



9, 32.061, 25.413

Previews

White Background



This preview shows how the CIE LCh color 95, 18.192, 196.656 looks on a white background.

Color Contrast Check

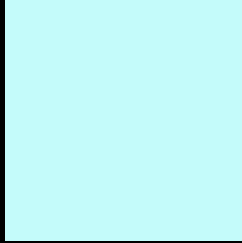
Large Text (above 18pt) WCAG AA × Fail

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, 18.192, 196.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

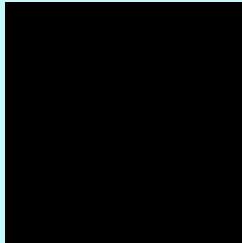
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 18.192, 196.656

Background



This preview shows how black text looks on a background with the CIELCh color 95, 18.192, 196.656.

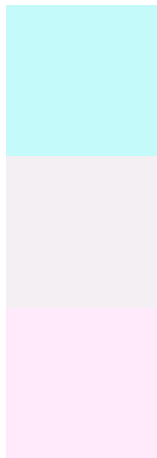


This preview shows how white text looks on a background with the CIELCh color 95, 18.192, 196.656.

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](#).

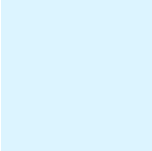
Dichromacy



Original Color
95, 18.192, 196.656

Protanopia
95, 2.515, 324.414

Deuteranopia
95, 11.879, 329.075

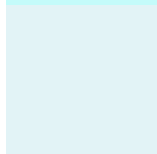


Tritanopia
95, 9.750, 234.579

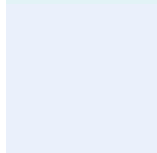
Trichromacy



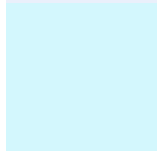
Original Color
95, 18.192, 196.656



Protanomaly
95, 6.029, 213.989



Deuteranomaly
95, 5.990, 270.458

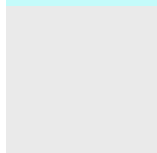


Tritanomaly
95, 12.357, 213.223

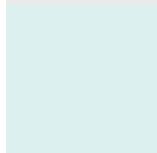
Monochromacy



Original Color
95, 18.192, 196.656



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 6.922, 199.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 18.192, 196.656 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(196, 251, 250)` looks like.

```
.text, #text, p{  
    color:rgb(196, 251, 250)  
}
```

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(196, 251, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 251, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 18.192, 196.656 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(196, 251, 250) }
```

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

```
.border{ border-color:rgb(196, 251, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 251, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 251, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 251, 250);  
box-shadow:4px 4px 4px 4px rgb(196, 251,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 18.192, 196.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 251, 250) }
```

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

```
.background{ background-color: rgb(196,  
251, 250) }
```

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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