

Converting Colors

CIELCh(95, 19.306, 217.076)

Have a look what the booklet for
CIELCh(95, 19.306, 217.076)
contains.

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Color

CIELCh(95, 18.668, 206.254)

Conversions

Conversions Part 1

Format	Color
Hex	C2FBFF
RGB	194, 251, 255
RGB Percent	76%, 98%, 100%
CMY	0.2399, 0.0163, 0.0000
CMYK	0.24, 0.02, 0.00, 0.00
HSL	184°, 100%, 88%
HSV	184°, 24%, 100%
XYZ	74.8385, 87.6183, 108.2914
YIQ	234.4130, -35.2560, -10.8400

Conversions

Conversions Part 2

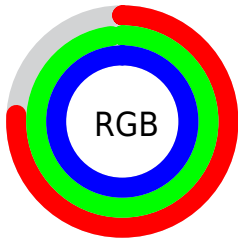
Format	Color
RYB	194, 223, 255
Decimal	12778495
CIELab	95.00, -16.74, -8.26
CIELCh	95, 18.668, 206.254
Yxy	87.6183, 0.2764, 0.3236
Android (android.graphics.Color)	4290968575 (0xFFC2FBFF)
YUV	234.4130, 10.1494, -35.4422
Hunter-Lab	93.6047, -21.0944, -3.0694

Details

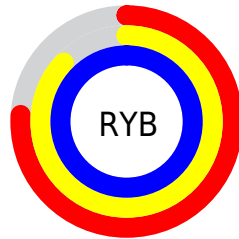
The CIELCh color **95, 18.668, 206.254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 22.049, 26.665**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **75, 18.493, 204.810** is the 20% darker color. If you saturate the color by 10%, you get **93, 25.407, 204.779**, and if you desaturate by 10%, it is **97, 11.241, 205.110**.

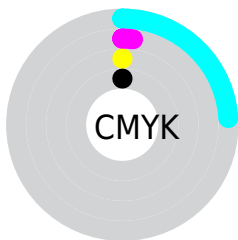
Distribution



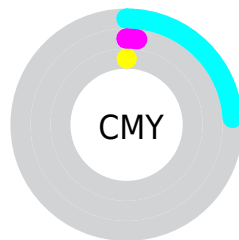
- Red (76%)
- Green (98%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 18.668, 206.254 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, 18.668, 206.254 by changing the saturation by 10% instead.


 95, 18.668,
206.254


 95, 18.668,
206.254


 100, 18.668,
206.254


 85, 18.668,
206.254

 75, 18.668,
206.254

 65, 18.668,
206.254

 55, 18.668,
206.254

 45, 18.668,
206.254

 35, 18.668,
206.254

 25, 18.668,

206.254

■ 15, 18.668,
206.254

■ 5, 18.668, 206.254

■ 95, 18.668,
206.254

■ 95, 18.668,
206.254

■ 93, 25.407,
204.779

■ 97, 11.241,
205.110

■ 92, 31.348,
204.793

■ 99, 3.291, 205.530

■ 90, 36.353,
204.953

100, 0.012,
296.813

■ 89, 40.320,
205.282

■ 88, 43.194,
205.805

■ 87, 44.980,
206.544

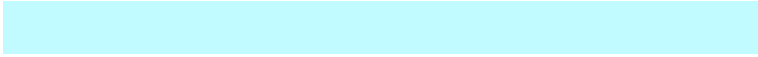
■ 86, 45.768,
207.518

■ 86, 45.896,
208.197

Harmonies

Complementary

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



95, 18.668, 206.254



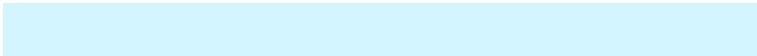
85, 22.049, 26.665

Rectangle

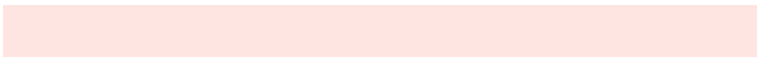
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



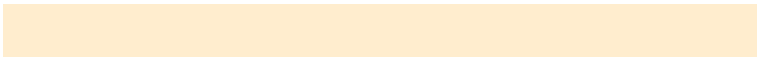
95, 18.668, 206.254



95, 18.668, 256.254



95, 18.668, 26.254



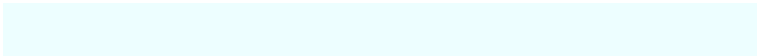
95, 18.668, 76.254

Sweetspot

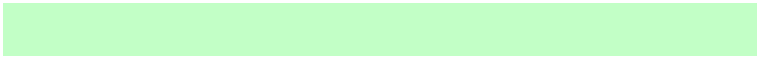
The Sweet Spot groups the original color and five complimentary colors.



95, 18.658, 204.889



98, 5.733, 205.353



95, 36.639, 144.641



52, 3.719, 205.327



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

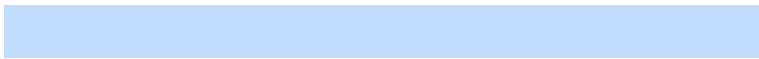
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 18.658, 204.889



94, 22.132, 204.819



87, 19.817, 265.963



52, 4.626, 205.252



66, 37.013, 207.975



22, 17.179, 206.461

Inverse Universe

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



85, 36.645, 327.689



83, 44.249, 327.978



92, 20.606, 79.135



50, 8.647, 326.839



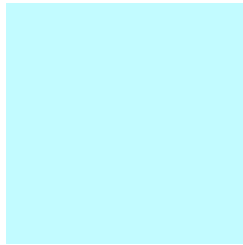
45, 88.247, 331.137



12, 40.860, 330.765

Previews

White Background



This preview shows how the CIE LCh color 95, 18.668, 206.254 looks on a white background.

Color Contrast Check

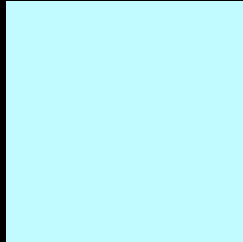
Large Text (above 18pt) WCAG AA × Fail

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, 18.668, 206.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

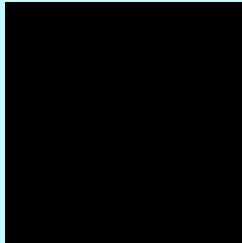
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 18.668, 206.254

Background



This preview shows how black text looks on a background with the CIELCh color 95, 18.668, 206.254.

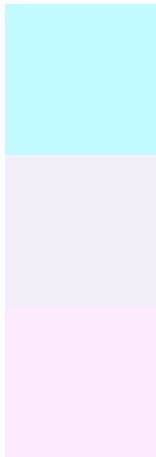


This preview shows how white text looks on a background with the CIELCh color 95, 18.668, 206.254.

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, 18.650, 204.651

Protanopia
95, 4.764, 303.231

Deuteranopia
95, 12.552, 320.856

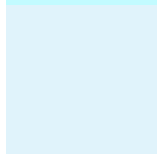


Tritanopia
95, 10.017, 233.480

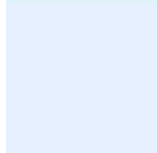
Trichromacy



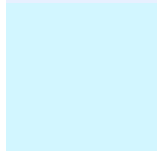
Original Color
95, 18.650, 204.651



Protanomaly
95, 7.594, 231.990



Deuteranomaly
95, 8.246, 268.950

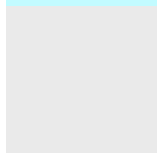


Tritanomaly
95, 12.729, 220.147

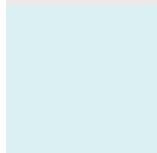
Monochromacy



Original Color
95, 18.650, 204.651



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 7.286, 207.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 18.668, 206.254 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(194, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 251, 255)  
}
```

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(194, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 18.668, 206.254 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(194, 251, 255) }
```

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

```
.border{ border-color:rgb(194, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 18.668, 206.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 251, 255) }
```

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

```
.background{ background-color: rgb(194,  
251, 255) }
```

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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