

Converting Colors

CIELCh(95, 17.044, 205.619)

Have a look what the booklet for
CIELCh(95, 17.044, 205.619)
contains.

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Color

CIELCh(95, 17.154, 205.299)

Conversions

Conversions Part 1

Format	Color
Hex	C6FAFE
RGB	198, 250, 254
RGB Percent	78%, 98%, 100%
CMY	0.2231, 0.0192, 0.0035
CMYK	0.22, 0.02, 0.00, 0.00
HSL	184°, 97%, 89%
HSV	184°, 22%, 100%
XYZ	75.4399, 87.6183, 106.7896
YIQ	234.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

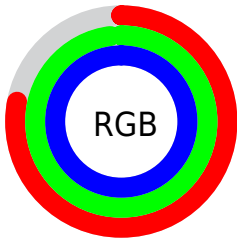
Format	Color
R _Y B	198, 225, 254
Decimal	13040382
CIE Lab	95.00, -15.51, -7.33
CIE LCh	95, 17.154, 205.299
Yxy	87.6183, 0.2796, 0.3247
Android (android.graphics.Color)	4291230462 (0xFFC6FAFE)
YUV	234.9080, 9.4124, -32.3683
Hunter-Lab	93.6047, -19.9476, -2.1182

Details

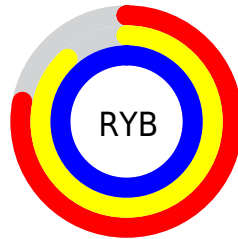
The CIELCh color **95, 17.154, 205.299** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.974, 26.825**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 17.000, 205.515** is the 20% darker color. If you saturate the color by 10%, you get **93, 24.002, 205.180**, and if you desaturate by 10%, it is **97, 9.669, 205.521**.

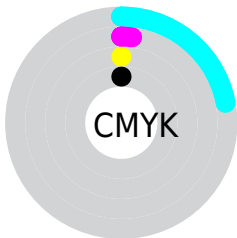
Distribution



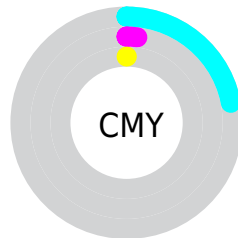
- Red (78%)
- Green (98%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 17.154, 205.299 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, 17.154, 205.299 by changing the saturation by 10% instead.


 95, 17.154,
205.299


 95, 17.154,
205.299


 100, 17.154,
205.299


 85, 17.154,
205.299

 75, 17.154,
205.299

 65, 17.154,
205.299

 55, 17.154,
205.299

 45, 17.154,
205.299

 35, 17.154,
205.299

 25, 17.154,

205.299

■ 15, 17.154,
205.299

■ 5, 17.154, 205.299

■ 95, 17.154,
205.299

■ 95, 17.154,
205.299

■ 93, 24.002,
205.180

■ 97, 9.669, 205.521

■ 99, 1.679, 206.125

■ 92, 30.075,
205.191

■ 100, 0.442,
109.970

■ 90, 35.240,
205.348

■ 89, 39.391,
205.674

■ 88, 42.459,
206.197

■ 87, 44.438,
206.942

■ 86, 45.399,
207.929

■ 86, 45.606,
208.872

Harmonies

Complementary

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



95, 17.154, 205.299



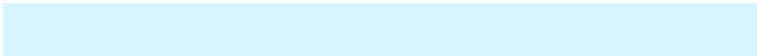
86, 19.974, 26.825

Rectangle

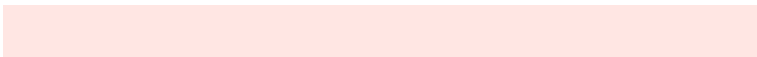
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



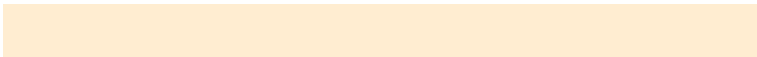
95, 17.154, 205.299



95, 17.154, 255.299



95, 17.154, 25.299



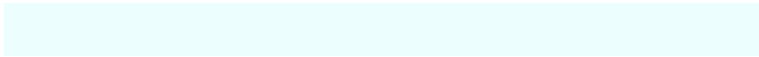
95, 17.154, 75.299

Sweetspot

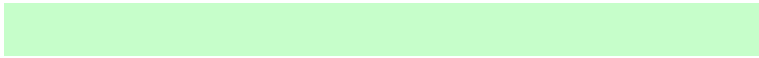
The Sweet Spot groups the original color and five complimentary colors.



95, 17.155, 205.293



98, 5.715, 205.700



95, 33.560, 144.801



52, 3.707, 205.674



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

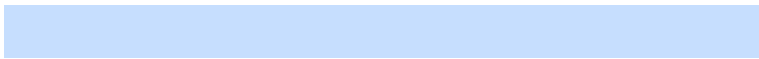
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 17.155, 205.293



95, 20.008, 205.235



88, 18.154, 265.609



52, 4.611, 205.602



66, 36.877, 208.640



22, 17.120, 207.033

Inverse Universe

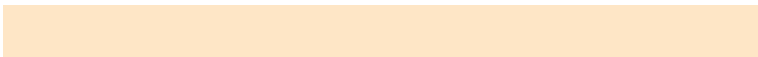
The Inverse Universe completely reimagines the original color for something new.



86, 33.489, 327.681



84, 39.611, 327.911



92, 18.809, 79.396



50, 8.626, 326.943



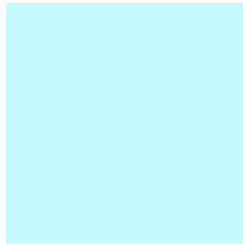
45, 88.003, 331.300



12, 40.760, 330.906

Previews

White Background



This preview shows how the CIE LCh color 95, 17.154, 205.299 looks on a white background.

Color Contrast Check

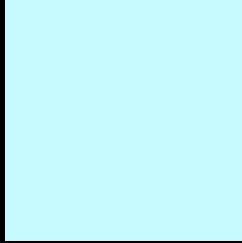
Large Text (above 18pt) WCAG AA × Fail

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, 17.154, 205.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

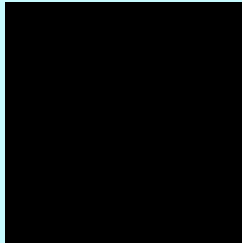
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 17.154, 205.299

Background



This preview shows how black text looks on a background with the CIELCh color 95, 17.154, 205.299.

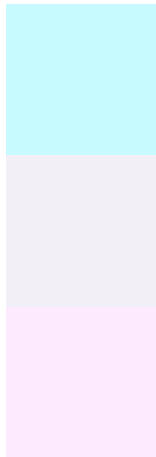


This preview shows how white text looks on a background with the CIELCh color 95, 17.154, 205.299.

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

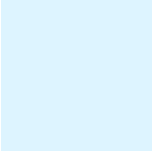
95, 17.154, 205.299

Protanopia

95, 4.265, 304.732

Deuteranopia

95, 12.731, 322.231

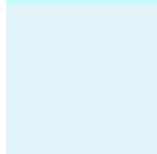


Tritanopia
95, 9.485, 235.741

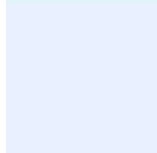
Trichromacy



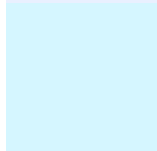
Original Color
95, 17.154, 205.299



Protanomaly
95, 6.775, 231.308



Deuteranomaly
95, 8.033, 273.473

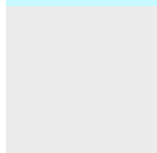


Tritanomaly
95, 11.844, 221.882

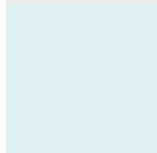
Monochromacy



Original Color
95, 17.154, 205.299



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 6.285, 208.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 17.154, 205.299 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(198, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(198, 250, 254)  
}
```

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(198, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 250, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 17.154, 205.299 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(198, 250, 254) }
```

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

```
.border{ border-color:rgb(198, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(198, 250,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 17.154, 205.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 250, 254) }
```

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

```
.background{ background-color: rgb(198,  
250, 254) }
```

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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