

Converting Colors

CIELCh(95, 19.561, 202.532)

Have a look what the booklet for
CIELCh(95, 19.561, 202.532)
contains.

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Color

CIELCh(95, 19.857, 201.181)

Conversions

Conversions Part 1

Format	Color
Hex	BFFCFE
RGB	191, 252, 254
RGB Percent	75%, 99%, 100%
CMY	0.2521, 0.0129, 0.0050
CMYK	0.25, 0.01, 0.00, 0.01
HSL	182°, 96%, 87%
HSV	182°, 25%, 99%
XYZ	73.9795, 87.6183, 106.5383
YIQ	233.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

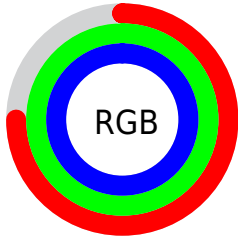
Format	Color
RYB	191, 222, 254
Decimal	12582142
CIELab	95.00, -18.52, -7.17
CIELCh	95, 19.857, 201.181
Yxy	87.6183, 0.2759, 0.3268
Android (android.graphics.Color)	4290772222 (0xFFBFFCFE)
YUV	233.9890, 9.8654, -37.7014
Hunter-Lab	93.6047, -22.7325, -1.9590

Details

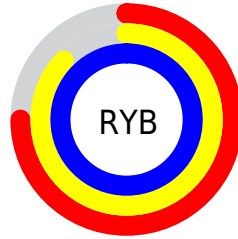
The CIELCh color **95, 19.857, 201.181** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 23.561, 23.775**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **75, 19.711, 201.110** is the 20% darker color. If you saturate the color by 10%, you get **94, 26.761, 200.884**, and if you desaturate by 10%, it is **97, 12.256, 201.553**.

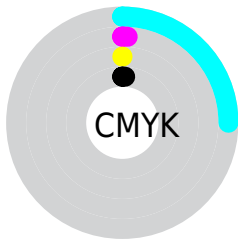
Distribution



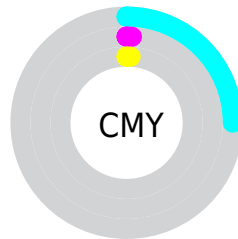
- Red (75%)
- Green (99%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





- Cyan (25%)
- Magenta (1%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 19.857, 201.181 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, 19.857, 201.181 by changing the saturation by 10% instead.


 95, 19.857,
201.181


 95, 19.857,
201.181


 100, 19.857,
201.181


 85, 19.857,
201.181

 75, 19.857,
201.181

 65, 19.857,
201.181

 55, 19.857,
201.181

 45, 19.857,
201.181

 35, 19.857,
201.181

 25, 19.857,

201.181

■ 15, 19.857,
201.181

■ 5, 19.857, 201.181

■ 95, 19.857,
201.181

■ 95, 19.857,
201.181

■ 94, 26.761,
200.884

■ 97, 12.256,
201.553

■ 92, 32.826,
200.681

■ 99, 4.097, 202.077

100, 0.362, 52.840

■ 91, 37.925,
200.578

100, 0.608,
107.876

■ 90, 41.962,
200.588

100, 0.640,
110.009

■ 89, 44.892,
200.719

■ 89, 46.731,
200.978

■ 89, 47.579,
201.367

■ 88, 47.750,
201.606

Harmonies

Complementary

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



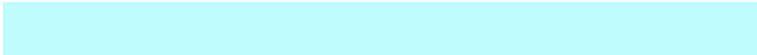
95, 19.857, 201.181



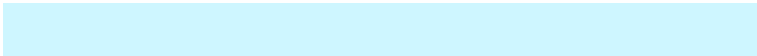
83, 23.561, 23.775

Rectangle

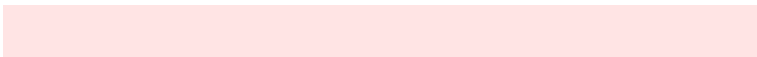
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



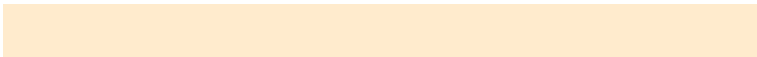
95, 19.857, 201.181



95, 19.857, 251.181



95, 19.857, 21.181



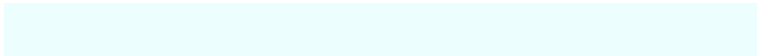
95, 19.857, 71.181

Sweetspot

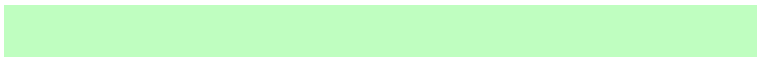
The Sweet Spot groups the original color and five complimentary colors.



95, 19.858, 201.176



99, 5.934, 201.932



94, 39.084, 143.201



52, 3.850, 201.898



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

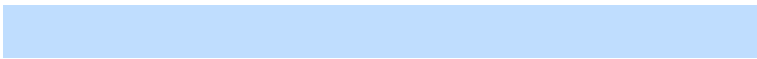
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 19.858, 201.176



95, 23.620, 201.014



87, 19.386, 261.006



52, 4.789, 201.797



68, 38.634, 201.514



23, 17.863, 200.871

Inverse Universe

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



85, 38.705, 326.682



82, 46.886, 326.969



91, 20.601, 74.038



50, 8.864, 325.809



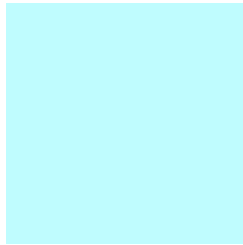
45, 90.795, 329.536



12, 41.895, 329.374

Previews

White Background



This preview shows how the CIE LCh color 95, 19.857, 201.181 looks on a white background.

Color Contrast Check

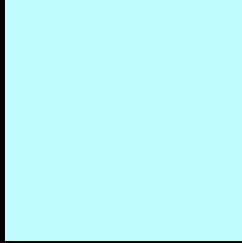
Large Text (above 18pt) WCAG AA × Fail

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, 19.857, 201.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

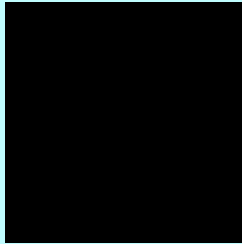
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 19.857, 201.181

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.857, 201.181.

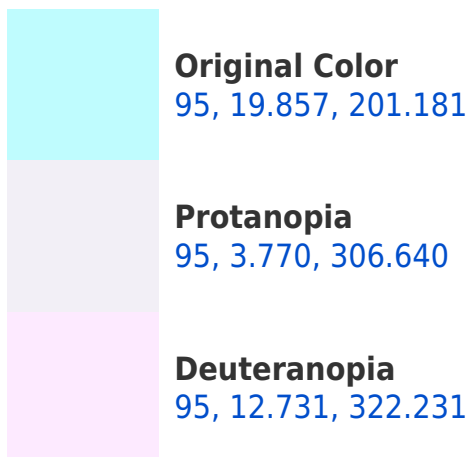


This preview shows how white text looks on a background with the CIELCh color 95, 19.857, 201.181.

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



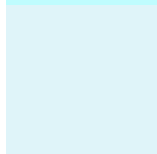


Tritanopia
95, 10.034, 229.868

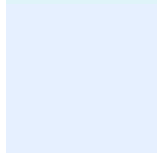
Trichromacy



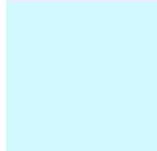
Original Color
95, 19.857, 201.181



Protanomaly
95, 7.569, 218.942



Deuteranomaly
94, 8.370, 266.787

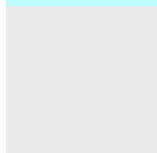


Tritanomaly
95, 13.182, 216.944

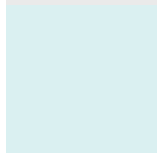
Monochromacy



Original Color
95, 19.857, 201.181



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 7.591, 202.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 19.857, 201.181 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(191, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(191, 252, 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(191, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 252, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.857, 201.181 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(191, 252, 254) }
```

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

```
.border{ border-color:rgb(191, 252, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(191, 252,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.857, 201.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 252, 254) }
```

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

```
.background{ background-color: rgb(191,  
252, 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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