

Converting Colors

CIELCh(95, 19.741, 202.762)

Have a look what the booklet for
CIELCh(95, 19.741, 202.762)
contains.

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Color

CIELCh(95, 19.835, 202.689)

Conversions

Conversions Part 1

Format	Color
Hex	BFFCFF
RGB	191, 252, 255
RGB Percent	75%, 99%, 100%
CMY	0.2524, 0.0132, 0.0014
CMYK	0.25, 0.01, 0.00, 0.00
HSL	183°, 99%, 87%
HSV	183°, 25%, 100%
XYZ	74.0835, 87.6183, 107.3068
YIQ	234.1030, -37.3190, -11.9990

Conversions

Conversions Part 2

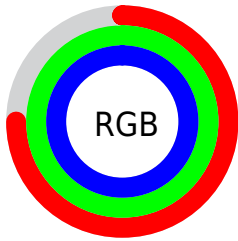
Format	Color
R_{YB}	191, 222, 255
Decimal	12582143
CIE _{Lab}	95.00, -18.30, -7.65
CIE _{LCh}	95, 19.835, 202.689
Yxy	87.6183, 0.2754, 0.3257
Android (android.graphics.Color)	4290772223 (0xFFBFFCFF)
YUV	234.1030, 10.3022, -37.8013
Hunter-Lab	93.6047, -22.5341, -2.4458

Details

The CIELCh color **95, 19.835, 202.689** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 23.617, 25.015**, 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, 19.678, 202.714** is the 20% darker color. If you saturate the color by 10%, you get **93, 26.629, 202.473**, and if you desaturate by 10%, it is **97, 12.346, 202.991**.

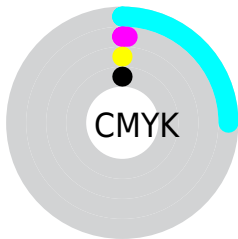
Distribution



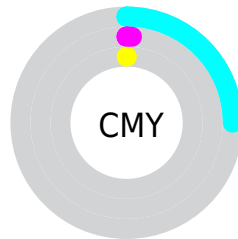
- Red (75%)
- Green (99%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 19.835, 202.689 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, 19.835, 202.689 by changing the saturation by 10% instead.

95, 19.835,
202.689

95, 19.835,
202.689

100, 19.835,
202.689

85, 19.835,
202.689

75, 19.835,
202.689

65, 19.835,
202.689

55, 19.835,
202.689

45, 19.835,
202.689

35, 19.835,
202.689

25, 19.835,

202.689

■ 15, 19.835,
202.689

■ 5, 19.835, 202.689

■ 95, 19.835,
202.689

■ 95, 19.835,
202.689

■ 93, 26.629,
202.473

■ 97, 12.346,
202.991

■ 92, 32.586,
202.366

■ 99, 4.300, 203.447

■ 91, 37.581,
202.378

100, 0.173,
109.718

■ 90, 41.517,
202.527

■ 89, 44.347,
202.827

■ 88, 46.088,
203.292

■ 88, 46.841,
203.928

■ 88, 46.965,
204.284

Harmonies

Complementary

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



95, 19.835, 202.689



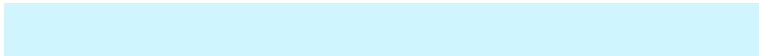
84, 23.617, 25.015

Rectangle

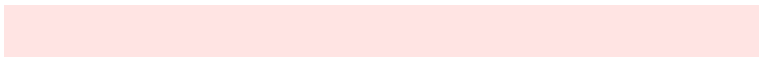
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



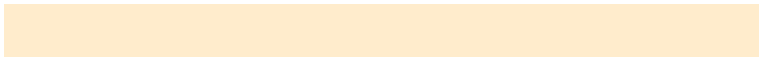
95, 19.835, 202.689



95, 19.835, 252.689



95, 19.835, 22.689



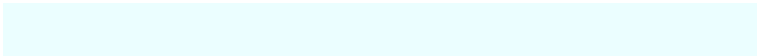
95, 19.835, 72.689

Sweetspot

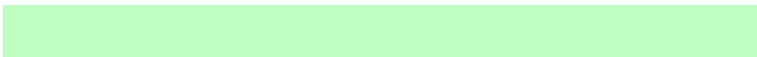
The Sweet Spot groups the original color and five complimentary colors.



95, 19.836, 202.684



98, 6.666, 203.284



94, 39.226, 143.622



52, 4.719, 203.214



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

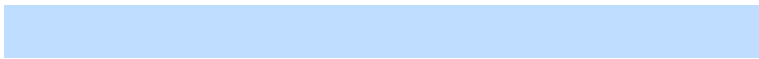
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 19.836, 202.684



94, 23.267, 202.569



87, 20.011, 262.824



52, 4.719, 203.214



68, 37.906, 204.140



23, 17.560, 203.149

Inverse Universe

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



85, 38.889, 327.134



82, 46.410, 327.408



91, 21.135, 75.697



50, 8.773, 326.234



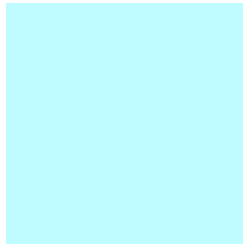
45, 89.720, 330.191



12, 41.459, 329.945

Previews

White Background



This preview shows how the CIE LCh color 95, 19.835, 202.689 looks on a white background.

Color Contrast Check

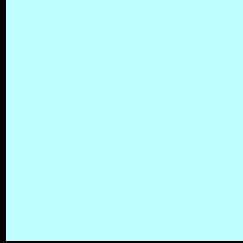
Large Text (above 18pt) WCAG AA × Fail

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, 19.835, 202.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

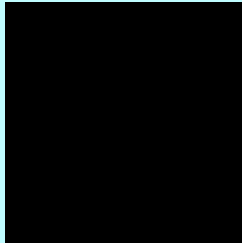
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 19.835, 202.689

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.835, 202.689.

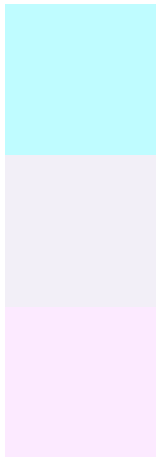


This preview shows how white text looks on a background with the CIELCh color 95, 19.835, 202.689.

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](#).

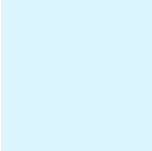
Dichromacy



Original Color
95, 19.835, 202.689

Protanopia
95, 4.265, 304.732

Deuteranopia
95, 12.552, 320.856

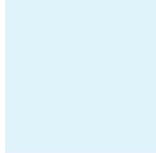


Tritanopia
95, 10.034, 229.868

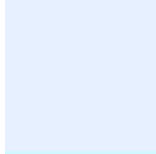
Trichromacy



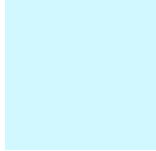
Original Color
95, 19.835, 202.689



Protanomaly
95, 7.735, 222.605



Deuteranomaly
94, 8.370, 266.787

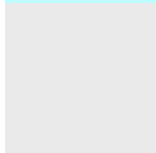


Tritanomaly
95, 13.182, 216.944

Monochromacy



Original Color
95, 19.835, 202.689



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 7.619, 206.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 19.835, 202.689 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 252, 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(191, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.835, 202.689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

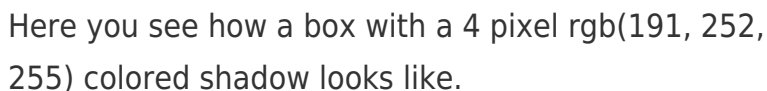
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 252, 255) }
```

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

```
.border{ border-color:rgb(191, 252, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 252,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.835, 202.689 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, 255) }
```

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

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