

Converting Colors

CIELCh(95, 21.556, 200.873)

Have a look what the booklet for
CIELCh(95, 21.556, 200.873)
contains.

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Color

CIElCh(95, 21.610, 200.833)

Conversions

Conversions Part 1

Format	Color
Hex	BAFDFF
RGB	186, 253, 255
RGB Percent	73%, 99%, 100%
CMY	0.2719, 0.0092, 0.0014
CMYK	0.27, 0.01, 0.00, 0.00
HSL	182°, 99%, 86%
HSV	182°, 27%, 100%
XYZ	73.1710, 87.6183, 107.3627
YIQ	233.1950, -40.5740, -13.5820

Conversions

Conversions Part 2

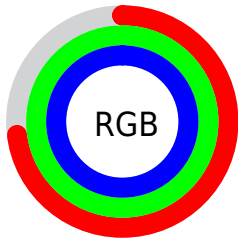
Format	Color
R _Y B	186, 220, 255
Decimal	12254719
CIE Lab	95.00, -20.20, -7.69
CIE LCh	95, 21.610, 200.833
Yxy	87.6183, 0.2729, 0.3267
Android (android.graphics.Color)	4290444799 (0xFFBAFDFF)
YUV	233.1950, 10.7499, -41.3900
Hunter-Lab	93.6047, -24.2743, -2.4812

Details

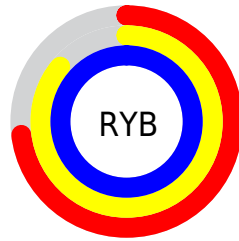
The CIELCh color **95, 21.610, 200.833** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 26.085, 23.783**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **75, 21.438, 200.731** is the 20% darker color. If you saturate the color by 10%, you get **94, 28.375, 200.541**, and if you desaturate by 10%, it is **97, 14.111, 201.198**.

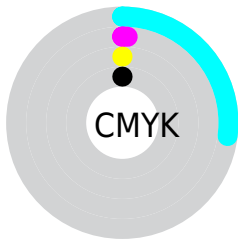
Distribution



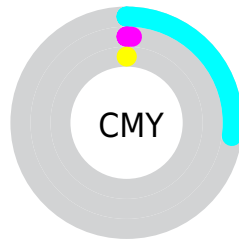
- Red (73%)
- Green (99%)
- Blue (100%)



- Red (73%)
- Yellow (86%)
- Blue (100%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 21.610, 200.833 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, 21.610, 200.833 by changing the saturation by 10% instead.


 95, 21.610,
200.833


 95, 21.610,
200.833


 100, 21.610,
200.833


 85, 21.610,
200.833

 75, 21.610,
200.833

 65, 21.610,
200.833

 55, 21.610,
200.833

 45, 21.610,
200.833

 35, 21.610,
200.833

 25, 21.610,

200.833

■ 15, 21.610,
200.833

■ 5, 21.610, 200.833

■ 95, 21.610,
200.833

■ 95, 21.610,
200.833

■ 94, 28.375,
200.541

■ 97, 14.111,
201.198

■ 92, 34.266,
200.343

■ 98, 6.021, 201.676
100, 0.109, 82.644

■ 91, 39.161,
200.245

100, 0.168,
109.706

■ 90, 42.975,
200.256

■ 90, 45.674,
200.386

■ 89, 47.294,
200.639

■ 89, 47.961,
201.012

■ 89, 48.057,
201.133

Harmonies

Complementary

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



95, 21.610, 200.833



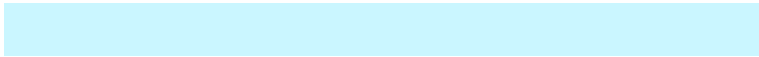
82, 26.085, 23.783

Rectangle

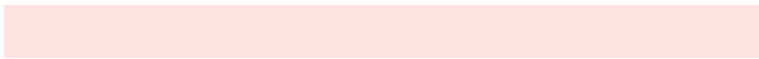
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 21.610, 200.833



95, 21.610, 250.833



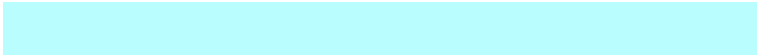
95, 21.610, 20.833



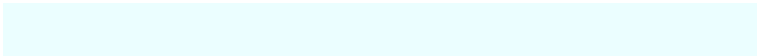
95, 21.610, 70.833

Sweetspot

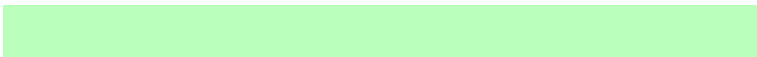
The Sweet Spot groups the original color and five complimentary colors.



95, 21.611, 200.829



98, 6.784, 201.624



94, 42.763, 143.009



52, 4.802, 201.544



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, 21.611, 200.829



94, 25.734, 200.649



86, 21.193, 261.437



52, 4.802, 201.544



69, 38.774, 201.049



23, 17.921, 200.466

Inverse Universe

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



84, 42.419, 326.730



80, 51.578, 327.053



90, 22.663, 73.746



50, 8.881, 325.732



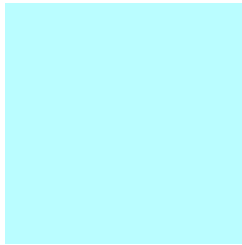
45, 90.991, 329.419



12, 41.975, 329.272

Previews

White Background



This preview shows how the CIE LCh color 95, 21.610, 200.833 looks on a white background.

Color Contrast Check

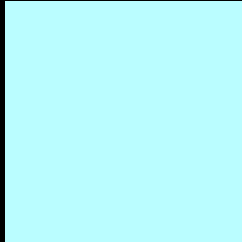
Large Text (above 18pt) WCAG AA × Fail

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, 21.610, 200.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

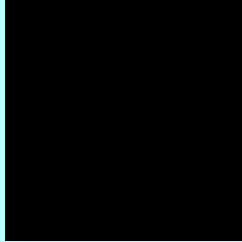
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 21.610, 200.833

Background



This preview shows how black text looks on a background with the CIELCh color 95, 21.610, 200.833.

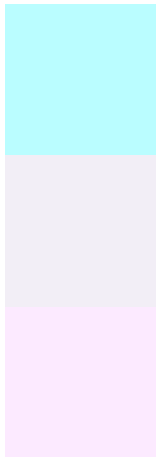


This preview shows how white text looks on a background with the CIELCh color 95, 21.610, 200.833.

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, 21.610, 200.833

Protanopia
95, 4.372, 309.179

Deuteranopia
95, 12.552, 320.856

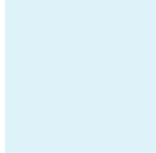


Tritanopia
95, 10.597, 228.035

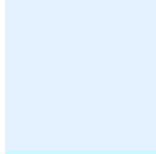
Trichromacy



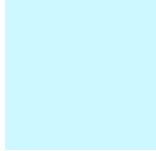
Original Color
95, 21.610, 200.833



Protanomaly
95, 7.741, 222.606

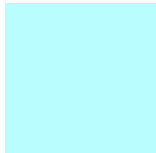


Deuteranomaly
95, 8.365, 258.871

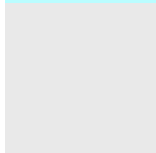


Tritanomaly
95, 14.277, 213.262

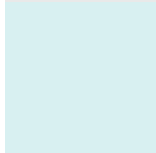
Monochromacy



Original Color
95, 21.610, 200.833



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 8.261, 202.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 21.610, 200.833 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(186, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 253, 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(186, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 253, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 21.610, 200.833 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(186, 253, 255) }
```

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

```
.border{ border-color:rgb(186, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 253,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 21.610, 200.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 253, 255) }
```

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

```
.background{ background-color: rgb(186,  
253, 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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