

Converting Colors

CIELCh(100, 32.267, 172.958)

Have a look what the booklet for
CIELCh(100, 32.267, 172.958)
contains.

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Color

CIELCh(95, 23.829, 186.678)

Conversions

Conversions Part 1

Format	Color
Hex	B7FEF5
RGB	183, 254, 245
RGB Percent	72%, 100%, 96%
CMY	0.2819, 0.0036, 0.0388
CMYK	0.28, 0.00, 0.04, 0.00
HSL	172°, 98%, 86%
HSV	172°, 28%, 100%
XYZ	71.5213, 87.6183, 99.6058
YIQ	231.7450, -39.4270, -17.8510

Conversions

Conversions Part 2

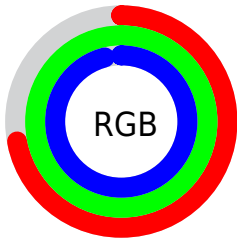
Format	Color
RYB	183, 221, 254
Decimal	12058357
CIELab	95.00, -23.67, -2.77
CIELCh	95, 23.829, 186.678
Yxy	87.6183, 0.2764, 0.3386
Android (android.graphics.Color)	4290248437 (0xFFB7FEF5)
YUV	231.7450, 6.5347, -42.7494
Hunter-Lab	93.6047, -27.4202, 2.4321

Details

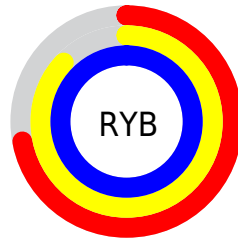
The CIELCh color **95, 23.829, 186.678** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 27.527, 11.930**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **75, 23.681, 187.031** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.326, 185.777**, and if you desaturate by 10%, it is **97, 15.697, 187.548**.

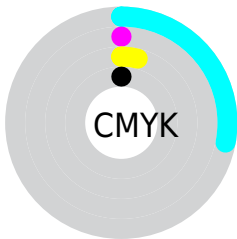
Distribution



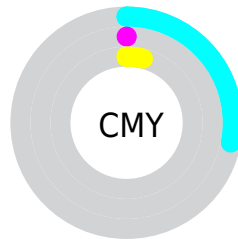
- Red (72%)
- Green (100%)
- Blue (96%)



- Red (72%)
- Yellow (87%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 23.829, 186.678 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, 23.829, 186.678 by changing the saturation by 10% instead.


 95, 23.829,
186.678


 95, 23.829,
186.678

 100, 23.829,
186.678


 85, 23.829,
186.678

 75, 23.829,
186.678

 65, 23.829,
186.678

 55, 23.829,
186.678

 45, 23.829,
186.678

 35, 23.829,
186.678

 25, 23.829,

186.678

■ 15, 23.829,
186.678

■ 5, 23.829, 186.678

■ 95, 23.829,
186.678

■ 95, 23.829,
186.678

■ 94, 31.326,
185.777

■ 97, 15.697,
187.548

■ 93, 38.033,
184.841

■ 98, 7.081, 188.432

■ 92, 43.812,
183.849

100, 0.476,
332.197

■ 91, 48.557,
182.784

100, 0.574,
323.922

■ 91, 52.219,
181.624

■ 90, 54.820,
180.350

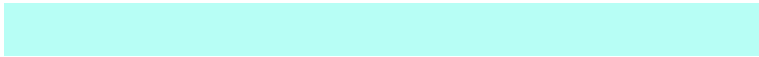
■ 90, 56.495,
178.951

■ 90, 56.787,
178.658

Harmonies

Complementary

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



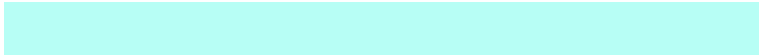
95, 23.829, 186.678



81, 27.527, 11.930

Rectangle

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



95, 23.829, 186.678



95, 23.829, 236.678



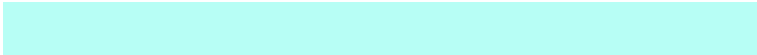
95, 23.829, 6.678



95, 23.829, 56.678

Sweetspot

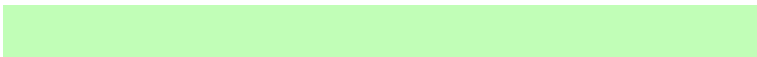
The Sweet Spot groups the original color and five complimentary colors.



95, 23.830, 186.675



98, 7.162, 188.425



94, 42.637, 139.164



52, 5.076, 188.287



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

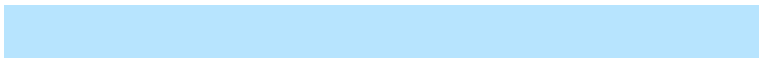
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 23.830, 186.675



94, 28.546, 186.133



88, 19.420, 243.355



52, 5.076, 188.287



70, 45.744, 178.920



23, 20.672, 180.790

Inverse Universe

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



81, 27.527, 11.930



78, 34.149, 12.833



87, 22.387, 57.310



50, 5.317, 9.761



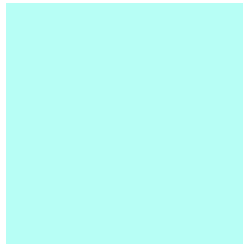
40, 78.664, 34.500



10, 32.424, 22.000

Previews

White Background



This preview shows how the CIE LCh color 95, 23.829, 186.678 looks on a white background.

Color Contrast Check

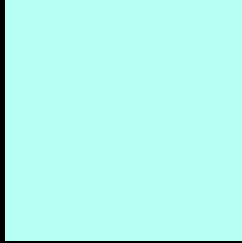
Large Text (above 18pt) WCAG AA × Fail

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, 23.829, 186.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

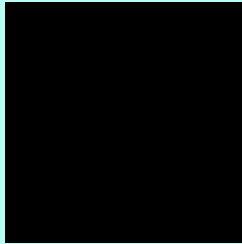
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 23.829, 186.678

Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.829, 186.678.

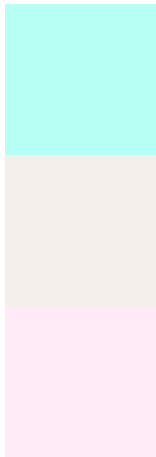


This preview shows how white text looks on a background with the CIELCh color 95, 23.829, 186.678.

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, 23.840, 186.669

Protanopia

95, 2.618, 55.188

Deuteranopia

95, 10.371, 336.210

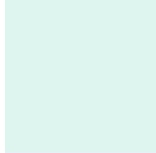


Tritanopia
95, 10.597, 228.035

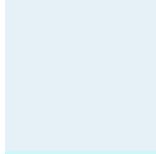
Trichromacy



Original Color
95, 23.840, 186.669



Protanomaly
95, 8.108, 180.443

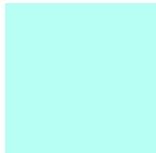


Deuteranomaly
94, 5.118, 236.445

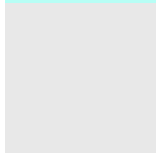


Tritanomaly
95, 14.382, 204.731

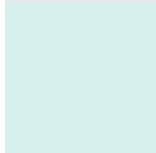
Monochromacy



Original Color
95, 23.840, 186.669



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.153, 189.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 23.829, 186.678 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(183, 254, 245)` looks like.

```
.text, #text, p{  
    color:rgb(183, 254, 245)  
}
```

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(183, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 254, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.829, 186.678 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(183, 254, 245) }
```

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

```
.border{ border-color:rgb(183, 254, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 254, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(183, 254,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.829, 186.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 254, 245) }
```

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

```
.background{ background-color: rgb(183,  
254, 245) }
```

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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