

Converting Colors

CIELCh(100, 31.554, 172.443)

Have a look what the booklet for
CIELCh(100, 31.554, 172.443)
contains.

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Color

CIElCh(95, 23.249, 186.435)

Conversions

Conversions Part 1

Format	Color
Hex	B9FEF5
RGB	185, 254, 245
RGB Percent	73%, 100%, 96%
CMY	0.2752, 0.0048, 0.0400
CMYK	0.27, 0.00, 0.04, 0.00
HSL	172°, 97%, 86%
HSV	172°, 27%, 100%
XYZ	71.7881, 87.6183, 99.3515
YIQ	232.3430, -38.2350, -17.4270

Conversions

Conversions Part 2

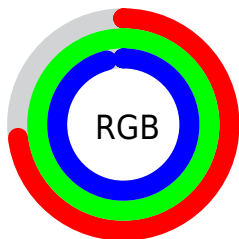
Format	Color
R_{YB}	185, 222, 254
Decimal	12189429
CIE _{Lab}	95.00, -23.10, -2.61
CIE _{LCh}	95, 23.249, 186.435
Yxy	87.6183, 0.2774, 0.3386
Android (android.graphics.Color)	4290379509 (0xFFB9FEF5)
YUV	232.3430, 6.2399, -41.5198
Hunter-Lab	93.6047, -26.9115, 2.5932

Details

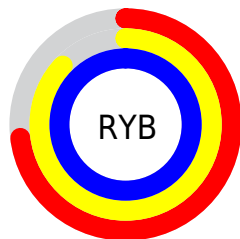
The CIELCh color **95, 23.249, 186.435** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 26.706, 11.543**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **75, 23.112, 186.815** is the 20% darker color. If you saturate the color by 10%, you get **94, 30.814, 185.527**, and if you desaturate by 10%, it is **97, 15.066, 187.311**.

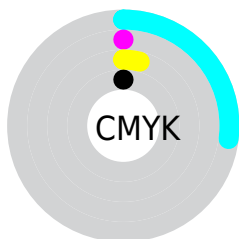
Distribution



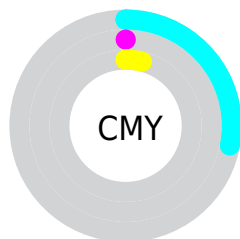
- Red (73%)
- Green (100%)
- Blue (96%)



- Red (73%)
- Yellow (87%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 23.249, 186.435 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, 23.249, 186.435 by changing the saturation by 10% instead.


 95, 23.249,
186.435


 95, 23.249,
186.435


 100, 23.249,
186.435


 85, 23.249,
186.435

 75, 23.249,
186.435

 65, 23.249,
186.435

 55, 23.249,
186.435

 45, 23.249,
186.435

 35, 23.249,
186.435

 25, 23.249,

186.435

■ 15, 23.249,
186.435

■ 5, 23.249, 186.435

■ 95, 23.249,
186.435

■ 95, 23.249,
186.435

■ 94, 30.814,
185.527

■ 97, 15.066,
187.311

■ 93, 37.605,
184.582

■ 98, 6.413, 188.207

■ 92, 43.481,
183.581

100, 0.650,
330.989

■ 91, 48.333,
182.504

100, 0.762,
324.062

■ 90, 52.106,
181.332

■ 90, 54.816,
180.043

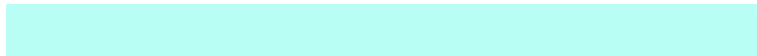
■ 90, 56.580,
178.625

■ 90, 56.988,
178.215

Harmonies

Complementary

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



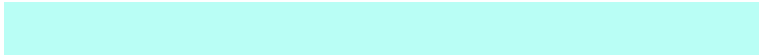
95, 23.249, 186.435



82, 26.706, 11.543

Rectangle

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



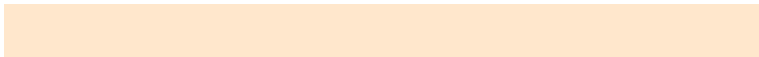
95, 23.249, 186.435



95, 23.249, 236.435



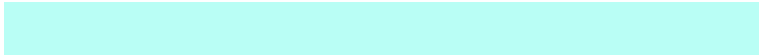
95, 23.249, 6.435



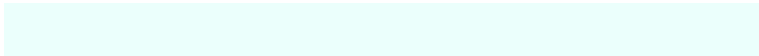
95, 23.249, 56.435

Sweetspot

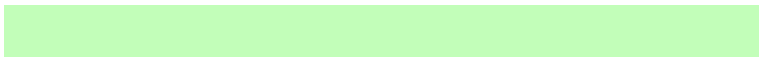
The Sweet Spot groups the original color and five complimentary colors.



95, 23.250, 186.432



98, 7.170, 188.128



94, 41.443, 139.216



52, 5.083, 187.989



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

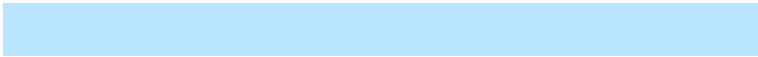
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 23.250, 186.432



95, 27.850, 185.908



89, 18.906, 243.231



52, 5.083, 187.989



70, 45.944, 178.481



23, 20.749, 180.390

Inverse Universe

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



82, 26.706, 11.543



78, 33.066, 12.396



87, 21.699, 57.373



50, 5.321, 9.472



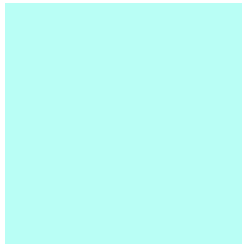
40, 78.480, 34.287



10, 32.401, 21.847

Previews

White Background



This preview shows how the CIE LCh color 95, 23.249, 186.435 looks on a white background.

Color Contrast Check

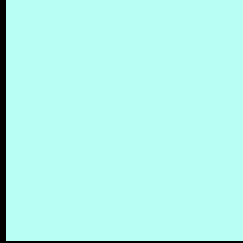
Large Text (above 18pt) WCAG AA × Fail

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, 23.249, 186.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

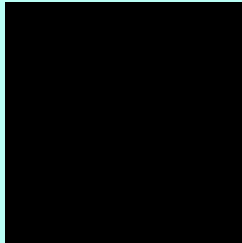
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 23.249, 186.435

Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.249, 186.435.

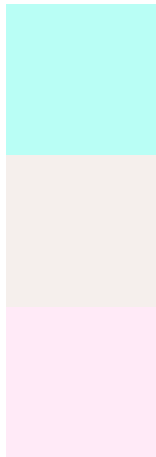


This preview shows how white text looks on a background with the CIELCh color 95, 23.249, 186.435.

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, 23.260, 186.426

Protanopia

95, 2.618, 55.188

Deuteranopia

95, 10.026, 338.326

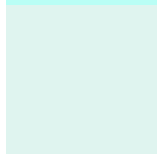


Tritanopia
95, 10.315, 228.926

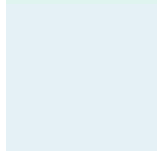
Trichromacy



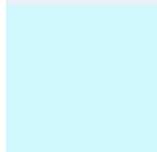
Original Color
95, 23.260, 186.426



Protanomaly
95, 7.785, 179.677



Deuteranomaly
94, 4.840, 231.439

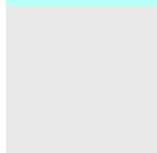


Tritanomaly
95, 14.069, 204.889

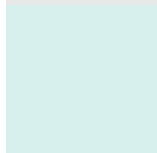
Monochromacy



Original Color
95, 23.260, 186.426



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 8.821, 188.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 23.249, 186.435 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(185, 254, 245)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.249, 186.435 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(185, 254, 245) }
```

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

```
.border{ border-color:rgb(185, 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(185, 254, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(185, 254,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.249, 186.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 245) }
```

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

```
.background{ background-color: rgb(185,  
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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