

Converting Colors

CIELCh(94, 23.045, 179.563)

Have a look what the booklet for
CIELCh(94, 23.045, 179.563)
contains.

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Color

CIELCh(94, 23.046, 179.653)

Conversions

Conversions Part 1

Format	Color
Hex	BAFBED
RGB	186, 251, 237
RGB Percent	73%, 98%, 93%
CMY	0.2719, 0.0170, 0.0719
CMYK	0.26, 0.00, 0.06, 0.02
HSL	167°, 88%, 86%
HSV	167°, 26%, 98%
XYZ	69.7951, 85.2715, 92.6414
YIQ	229.9690, -34.2460, -18.1340

Conversions

Conversions Part 2

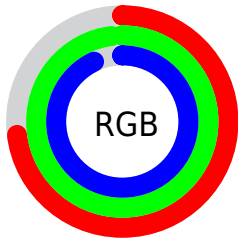
Format	Color
RYB	186, 222, 251
Decimal	12254189
CIELab	94.00, -23.05, 0.14
CIELCh	94, 23.046, 179.653
Yxy	85.2715, 0.2818, 0.3442
Android (android.graphics.Color)	4290444269 (0xFFBAFBED)
YUV	229.9690, 3.4663, -38.5608
Hunter-Lab	92.3426, -26.6843, 5.1580

Details

The CIELCh color **94, 23.046, 179.653** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 25.540, 4.902**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **74, 22.988, 179.725** is the 20% darker color. If you saturate the color by 10%, you get **93, 31.167, 178.585**, and if you desaturate by 10%, it is **96, 14.420, 180.656**.

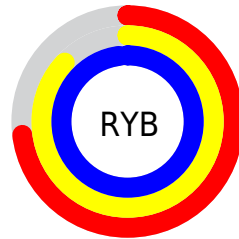
Distribution



Red (73%)

Green (98%)

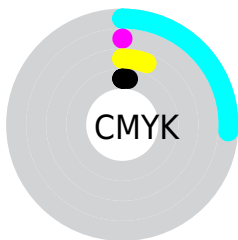
Blue (93%)



Red (73%)

Yellow (87%)

Blue (98%)

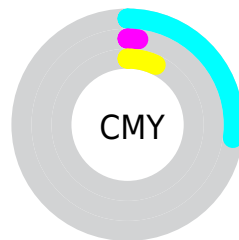


Cyan (26%)

Magenta (0%)

Yellow (6%)

Black (2%)



Cyan (27%)

Magenta (2%)

Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 23.046, 179.653 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 94, 23.046, 179.653 by changing the saturation by 10% instead.


 94, 23.046,
179.653


 94, 23.046,
179.653


 100, 23.046,
179.653


 84, 23.046,
179.653

 74, 23.046,
179.653

 64, 23.046,
179.653

 54, 23.046,
179.653

 44, 23.046,
179.653

 34, 23.046,
179.653

 24, 23.046,

179.653

■ 14, 23.046,
179.653

■ 4, 23.046, 179.653

■ 94, 23.046,
179.653

■ 94, 23.046,
179.653

■ 93, 31.167,
178.585

■ 96, 14.420,
180.656

■ 91, 38.621,
177.440

■ 97, 5.435, 181.660

■ 90, 45.258,
176.191

■ 99, 1.905, 343.180

■ 99, 2.703, 324.422

■ 90, 50.951,
174.816

■ 89, 55.624,
173.289

■ 89, 59.269,
171.590

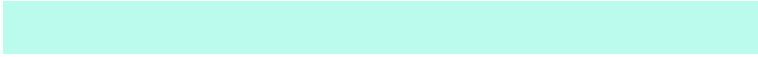
■ 88, 61.976,
169.710

■ 88, 62.914,
168.921

Harmonies

Complementary

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



94, 23.046, 179.653



82, 25.540, 4.902

Rectangle

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



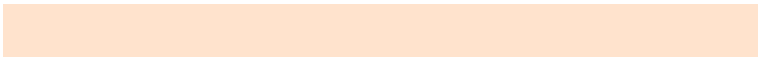
94, 23.046, 179.653



94, 23.046, 229.653



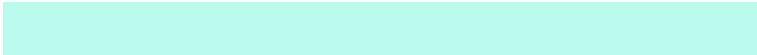
94, 23.046, 359.653



94, 23.046, 49.653

Sweetspot

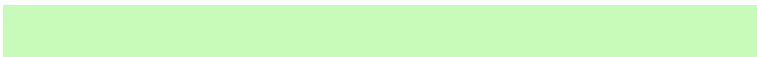
The Sweet Spot groups the original color and five complimentary colors.



94, 23.047, 179.650



98, 7.421, 181.441



94, 38.138, 136.988



52, 5.265, 181.289



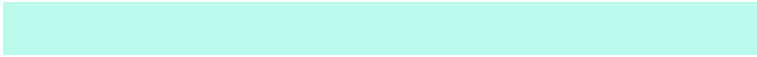
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

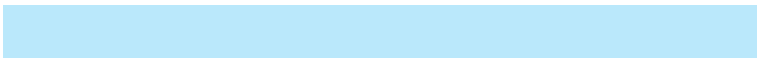
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 23.047, 179.650



95, 27.619, 179.116



89, 17.600, 231.764



51, 5.179, 181.291



68, 50.582, 169.285



22, 22.106, 172.022

Inverse Universe

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



82, 25.540, 4.902



80, 31.287, 5.635



86, 20.657, 48.103



49, 5.370, 2.924



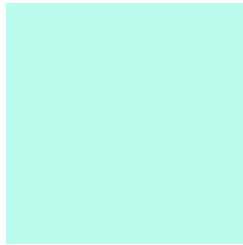
39, 73.427, 28.364



9, 30.917, 17.008

Previews

White Background



This preview shows how the CIE LCh color 94, 23.046, 179.653 looks on a white background.

Color Contrast Check

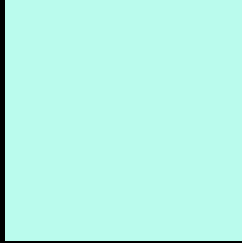
Large Text (above 18pt) WCAG AA × Fail

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 94, 23.046, 179.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

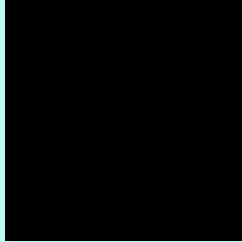
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

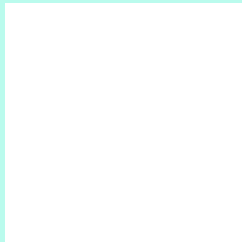
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 23.046, 179.653

Background



This preview shows how black text looks on a background with the CIELCh color 94, 23.046, 179.653.

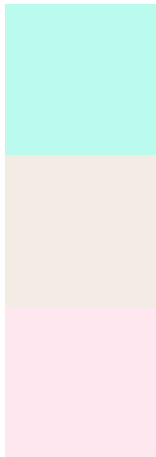


This preview shows how white text looks on a background with the CIELCh color 94, 23.046, 179.653.

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

94, 23.046, 179.653

Protanopia

94, 4.801, 78.088

Deuteranopia

94, 9.766, 351.801

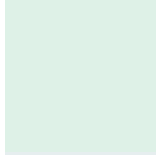


Tritanopia
94, 12.176, 229.471

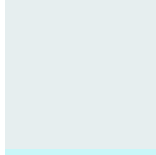
Trichromacy



Original Color
94, 23.046, 179.653



Protanomaly
94, 8.504, 161.669



Deuteranomaly
94, 2.841, 209.901

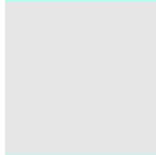


Tritanomaly
94, 14.708, 202.546

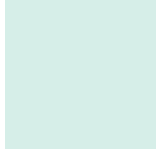
Monochromacy



Original Color
94, 23.046, 179.653



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 8.982, 178.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 23.046, 179.653 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, 251, 237)` looks like.

```
.text, #text, p{  
    color:rgb(186, 251, 237)  
}
```

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, 251, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 251, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 23.046, 179.653 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, 251, 237) }
```

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

```
.border{ border-color:rgb(186, 251, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 251, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 251, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 251, 237);  
box-shadow:4px 4px 4px 4px rgb(186, 251,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 23.046, 179.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 251, 237) }
```

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

```
.background{ background-color: rgb(186,  
251, 237) }
```

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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