

Converting Colors

CIELCh(94, 26.289, 174.595)

Have a look what the booklet for
CIELCh(94, 26.289, 174.595)
contains.

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Color

CIElCh(94, 26.122, 174.468)

Conversions

Conversions Part 1

Format	Color
Hex	B5FCE8
RGB	181, 252, 232
RGB Percent	71%, 99%, 91%
CMY	0.2902, 0.0117, 0.0902
CMYK	0.28, 0.00, 0.08, 0.01
HSL	163°, 92%, 85%
HSV	163°, 28%, 99%
XYZ	68.4325, 85.2715, 89.1967
YIQ	228.4910, -35.8960, -21.2720

Conversions

Conversions Part 2

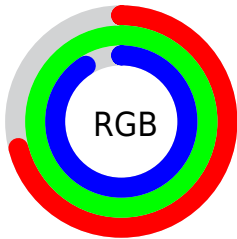
Format	Color
RYB	181, 222, 252
Decimal	11926760
CIELab	94.00, -26.00, 2.52
CIElCh	94, 26.122, 174.468
Yxy	85.2715, 0.2817, 0.3511
Android (android.graphics.Color)	4290116840 (0xFFB5FCE8)
YUV	228.4910, 1.7299, -41.6496
Hunter-Lab	92.3426, -29.3182, 7.3697

Details

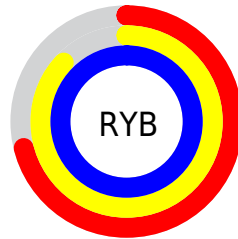
The CIELCh color **94, 26.122, 174.468** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **81, 28.576, 0.361**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **74, 26.164, 174.167** is the 20% darker color. If you saturate the color by 10%, you get **93, 34.652, 173.312**, and if you desaturate by 10%, it is **96, 17.112, 175.534**.

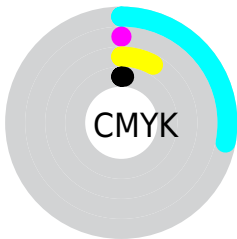
Distribution



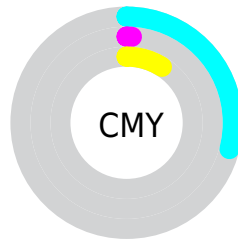
- Red (71%)
- Green (99%)
- Blue (91%)



- Red (71%)
- Yellow (87%)
- Blue (99%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)



- Cyan (29%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 26.122, 174.468 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, 26.122, 174.468 by changing the saturation by 10% instead.

 94, 26.122,
174.468

 94, 26.122,
174.468

 100, 26.122,
174.468

 84, 26.122,
174.468

 74, 26.122,
174.468

 64, 26.122,
174.468

 54, 26.122,
174.468

 44, 26.122,
174.468

 34, 26.122,
174.468

 24, 26.122,

174.468

■ 14, 26.122,
174.468

■ 4, 26.122, 174.468

■ 94, 26.122,
174.468

■ 94, 26.122,
174.468

■ 93, 34.652,
173.312

■ 96, 17.112,
175.534

■ 91, 42.535,
172.049

■ 97, 7.774, 176.555

■ 90, 49.616,
170.651

■ 99, 1.251, 347.131

■ 99, 1.867, 324.341

■ 90, 55.766,
169.094

■ 89, 60.912,
167.352

■ 89, 65.056,
165.409

■ 88, 68.324,
163.283

■ 88, 68.879,
162.894

Harmonies

Complementary

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



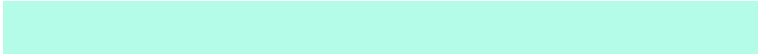
94, 26.122, 174.468



81, 28.576, 0.361

Rectangle

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



94, 26.122, 174.468



94, 26.122, 224.468



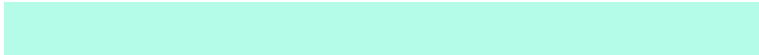
94, 26.122, 354.468



94, 26.122, 44.468

Sweetspot

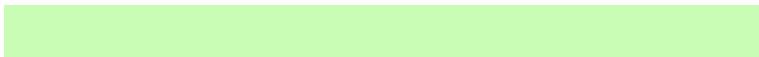
The Sweet Spot groups the original color and five complimentary colors.



94, 26.123, 174.466



98, 7.682, 176.573



94, 40.771, 134.892



52, 5.453, 176.418



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

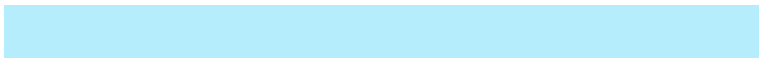
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 26.123, 174.466



94, 31.459, 173.803



90, 19.312, 222.967



51, 5.363, 176.420



68, 55.070, 163.306



22, 23.810, 166.384

Inverse Universe

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



81, 28.576, 0.361



78, 35.104, 1.221



84, 23.415, 40.907



49, 5.523, 358.092



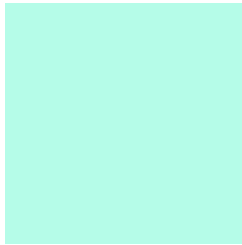
40, 70.607, 22.836



9, 30.633, 13.218

Previews

White Background



This preview shows how the CIE LCh color 94, 26.122, 174.468 looks on a white background.

Color Contrast Check

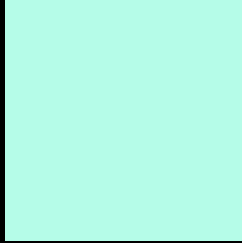
Large Text (above 18pt) WCAG AA × Fail

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, 26.122, 174.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

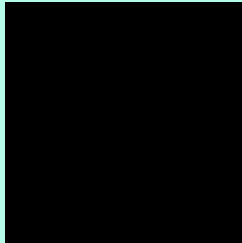
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

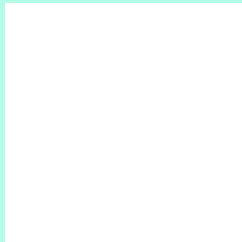
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 26.122, 174.468

Background



This preview shows how black text looks on a background with the CIELCh color 94, 26.122, 174.468.

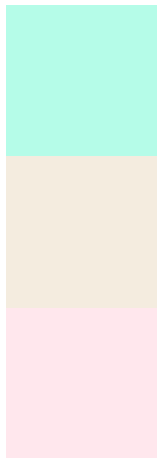


This preview shows how white text looks on a background with the CIELCh color 94, 26.122, 174.468.

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, 26.122, 174.468

Protanopia
94, 7.262, 85.992

Deuteranopia
94, 9.163, 0.360



Tritanopia
94, 12.451, 228.710

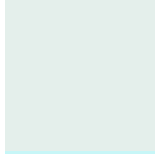
Trichromacy



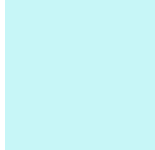
Original Color
94, 26.122, 174.468



Protanomaly
94, 11.175, 151.347

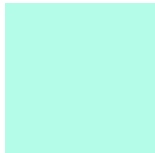


Deuteranomaly
94, 4.409, 171.408

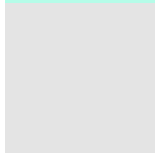


Tritanomaly
94, 15.666, 200.335

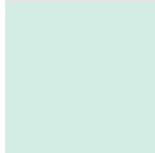
Monochromacy



Original Color
94, 26.122, 174.468



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.057, 174.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 26.122, 174.468 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(181, 252, 232)` looks like.

```
.text, #text, p{  
    color:rgb(181, 252, 232)  
}
```

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(181, 252, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 252, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 26.122, 174.468 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(181, 252, 232) }
```

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

```
.border{ border-color:rgb(181, 252, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 252, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 252, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 252, 232);  
box-shadow:4px 4px 4px 4px rgb(181, 252,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 26.122, 174.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 252, 232) }
```

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

```
.background{ background-color: rgb(181,  
252, 232) }
```

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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