

Converting Colors

CIELCh(94, 25.321, 191.936)

Have a look what the booklet for
CIELCh(94, 25.321, 191.936)
contains.

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Color

CIElCh(94, 25.312, 191.945)

Conversions

Conversions Part 1

Format	Color
Hex	AEFCF7
RGB	174, 252, 247
RGB Percent	68%, 99%, 97%
CMY	0.3179, 0.0121, 0.0317
CMYK	0.31, 0.00, 0.02, 0.01
HSL	176°, 93%, 84%
HSV	176°, 31%, 99%
XYZ	69.0005, 85.2715, 100.7548
YIQ	228.1080, -44.8830, -18.0910

Conversions

Conversions Part 2

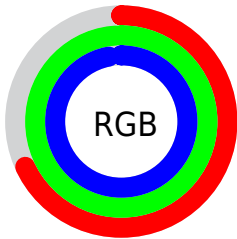
Format	Color
RYB	174, 214, 252
Decimal	11468023
CIELab	94.00, -24.76, -5.24
CIELCh	94, 25.312, 191.945
Yxy	85.2715, 0.2706, 0.3344
Android (android.graphics.Color)	4289658103 (0xFFAEFCF7)
YUV	228.1080, 9.3138, -47.4527
Hunter-Lab	92.3426, -28.2202, -0.0514

Details

The CIELCh color **94, 25.312, 191.945** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 30.556, 17.176**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **74, 25.300, 192.538** is the 20% darker color. If you saturate the color by 10%, you get **93, 32.186, 191.248**, and if you desaturate by 10%, it is **95, 17.700, 192.646**.

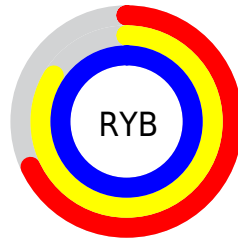
Distribution



Red (68%)

Green (99%)

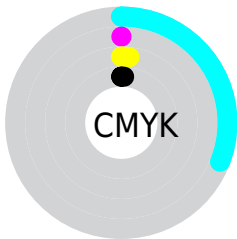
Blue (97%)



Red (68%)

Yellow (84%)

Blue (99%)

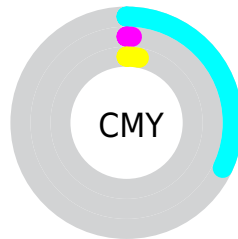


Cyan (31%)

Magenta (0%)

Yellow (2%)

Black (1%)



Cyan (32%)

Magenta (1%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 25.312, 191.945 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, 25.312, 191.945 by changing the saturation by 10% instead.


 94, 25.312,
191.945


 94, 25.312,
191.945

 100, 25.312,
191.945


 84, 25.312,
191.945

 74, 25.312,
191.945

 64, 25.312,
191.945

 54, 25.312,
191.945

 44, 25.312,
191.945

 34, 25.312,
191.945

 24, 25.312,

191.945

■ 14, 25.312,
191.945

■ 4, 25.312, 191.945

■ 94, 25.312,
191.945

■ 94, 25.312,
191.945

■ 93, 32.186,
191.248

■ 95, 17.700,
192.646

■ 92, 38.177,
190.558

■ 97, 9.496, 193.378

■ 91, 43.166,
189.863

■ 99, 0.847, 194.779

■ 99, 1.322, 344.747

■ 90, 47.076,
189.151

■ 99, 1.917, 324.347

■ 90, 49.888,
188.409

■ 90, 51.661,
187.621

■ 90, 52.557,
186.866

Harmonies

Complementary

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



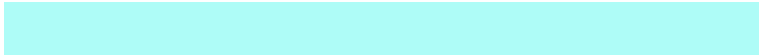
94, 25.312, 191.945



79, 30.556, 17.176

Rectangle

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



94, 25.312, 191.945



94, 25.312, 241.945



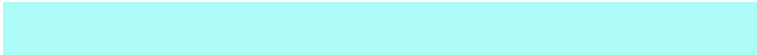
94, 25.312, 11.945



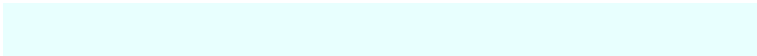
94, 25.312, 61.945

Sweetspot

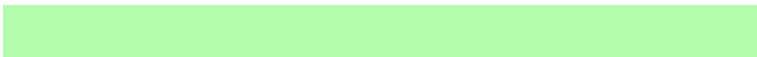
The Sweet Spot groups the original color and five complimentary colors.



94, 25.313, 191.942



98, 7.909, 193.530



93, 47.907, 140.645



52, 5.478, 193.416



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

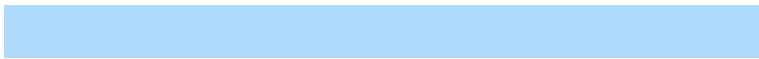
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 25.313, 191.942



94, 29.851, 191.520



85, 22.164, 252.526



51, 4.909, 193.492



69, 42.249, 187.022



23, 18.963, 188.144

Inverse Universe

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



79, 30.556, 17.176



76, 37.568, 18.095



86, 25.091, 64.418



49, 5.177, 14.757



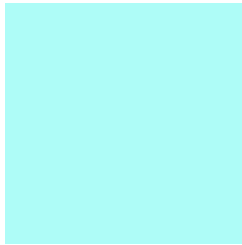
39, 80.724, 37.542



9, 31.744, 23.559

Previews

White Background



This preview shows how the CIE LCh color 94, 25.312, 191.945 looks on a white background.

Color Contrast Check

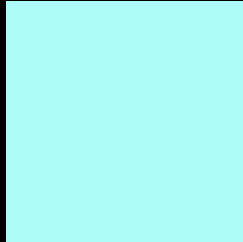
Large Text (above 18pt) WCAG AA × Fail

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, 25.312, 191.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

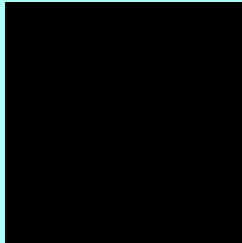
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 25.312, 191.945

Background



This preview shows how black text looks on a background with the CIELCh color 94, 25.312, 191.945.

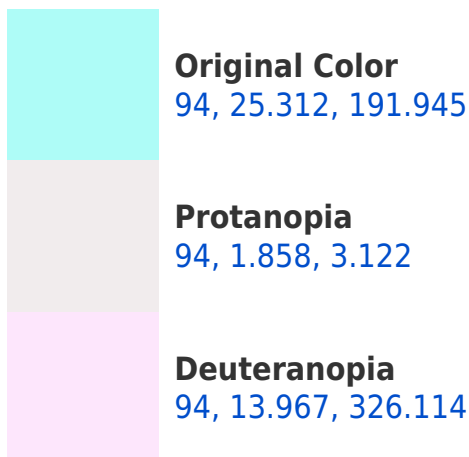


This preview shows how white text looks on a background with the CIELCh color 94, 25.312, 191.945.

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





Tritanopia
94, 13.284, 226.624

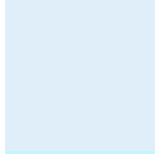
Trichromacy



Original Color
94, 25.312, 191.945



Protanomaly
94, 8.636, 195.480



Deuteranomaly
93, 7.735, 252.523

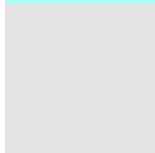


Tritanomaly
94, 16.942, 208.977

Monochromacy



Original Color
94, 25.312, 191.945



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.072, 192.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 25.312, 191.945 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(174, 252, 247)` looks like.

```
.text, #text, p{  
    color:rgb(174, 252, 247)  
}
```

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(174, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 252, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 25.312, 191.945 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(174, 252, 247) }
```

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

```
.border{ border-color:rgb(174, 252, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(174, 252,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 25.312, 191.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 252, 247) }
```

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

```
.background{ background-color: rgb(174,  
252, 247) }
```

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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