

Converting Colors

CIELCh(94, 32.251, 161.242)

Have a look what the booklet for
CIELCh(94, 32.251, 161.242)
contains.

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Color

CIElCh(94, 32.227, 161.233)

Conversions

Conversions Part 1

Format	Color
Hex	B3FED9
RGB	179, 254, 217
RGB Percent	70%, 100%, 85%
CMY	0.2990, 0.0049, 0.1500
CMYK	0.30, 0.00, 0.15, 0.00
HSL	150°, 97%, 85%
HSV	150°, 30%, 100%
XYZ	66.3857, 85.2715, 78.4363
YIQ	227.3570, -32.8230, -27.4070

Conversions

Conversions Part 2

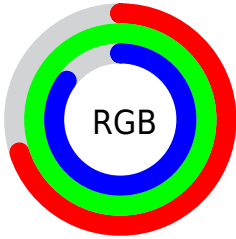
Format	Color
RYB	179, 229, 254
Decimal	11796185
CIELab	94.00, -30.51, 10.37
CIELCh	94, 32.227, 161.233
Yxy	85.2715, 0.2885, 0.3706
Android (android.graphics.Color)	4289986265 (0xFFB3FED9)
YUV	227.3570, -5.1060, -42.4091
Hunter-Lab	92.3426, -33.2748, 14.2786

Details

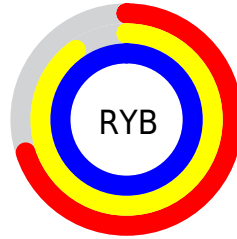
The CIELCh color **94, 32.227, 161.233** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 33.479, 346.810**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **74, 32.302, 161.159** is the 20% darker color. If you saturate the color by 10%, you get **93, 42.653, 160.050**, and if you desaturate by 10%, it is **96, 21.452, 162.286**.

Distribution



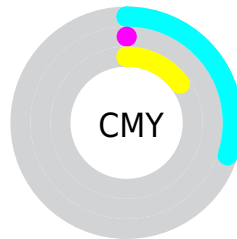
- Red (70%)
- Green (100%)
- Blue (85%)



- Red (70%)
- Yellow (90%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 32.227, 161.233 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, 32.227, 161.233 by changing the saturation by 10% instead.


 94, 32.227,
161.233


 94, 32.227,
161.233

 100, 32.227,
161.233


 84, 32.227,
161.233

 74, 32.227,
161.233

 64, 32.227,
161.233

 54, 32.227,
161.233

 44, 32.227,
161.233

 34, 32.227,
161.233

 24, 32.227,

161.233

■ 14, 32.227,
161.233

■ 4, 32.227, 161.233

■ 94, 32.227,
161.233

■ 94, 32.227,
161.233

■ 93, 42.653,
160.050

■ 96, 21.452,
162.286

■ 91, 52.538,
158.714

■ 98, 10.495,
163.247

■ 90, 61.694,
157.197

100, 0.497,
343.065

■ 89, 69.956,
155.477

100, 0.787,
324.076

■ 89, 77.213,
153.540

■ 88, 83.437,
151.390

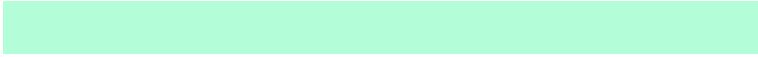
■ 88, 88.759,
149.096

■ 88, 88.987,
148.996

Harmonies

Complementary

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



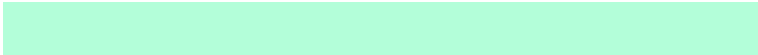
94, 32.227, 161.233



81, 33.479, 346.810

Rectangle

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



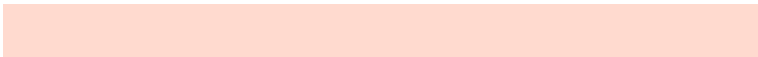
94, 32.227, 161.233



94, 32.227, 211.233



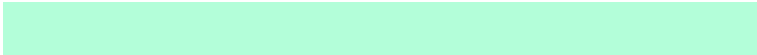
94, 32.227, 341.233



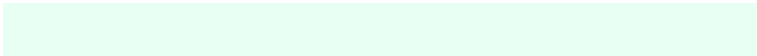
94, 32.227, 31.233

Sweetspot

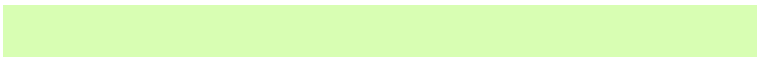
The Sweet Spot groups the original color and five complimentary colors.



94, 32.229, 161.232



98, 9.926, 163.299



95, 40.451, 127.681



52, 6.898, 163.163



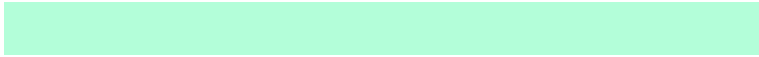
0, 0.000, 0.000



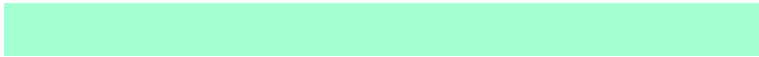
53, 0.007, 296.813

Same Dimension

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



94, 32.229, 161.232



94, 38.113, 160.605



95, 23.994, 197.932



52, 6.271, 163.252



68, 71.316, 149.422



23, 30.767, 152.656

Inverse Universe

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



81, 33.479, 346.810



78, 39.842, 347.451



80, 29.423, 21.892



50, 6.354, 344.775



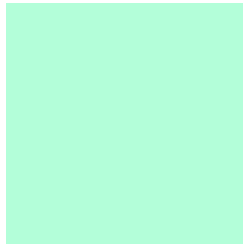
41, 68.181, 2.753



10, 31.807, 357.049

Previews

White Background



This preview shows how the CIE LCh color 94, 32.227, 161.233 looks on a white background.

Color Contrast Check

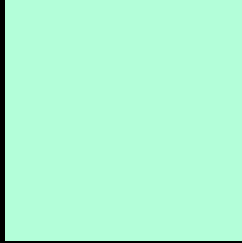
Large Text (above 18pt) WCAG AA × Fail

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 94, 32.227, 161.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

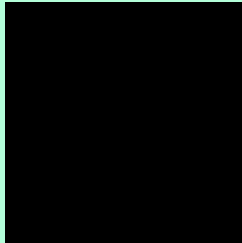
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

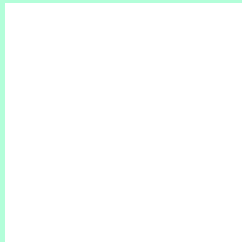
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 32.227, 161.233

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.227, 161.233.

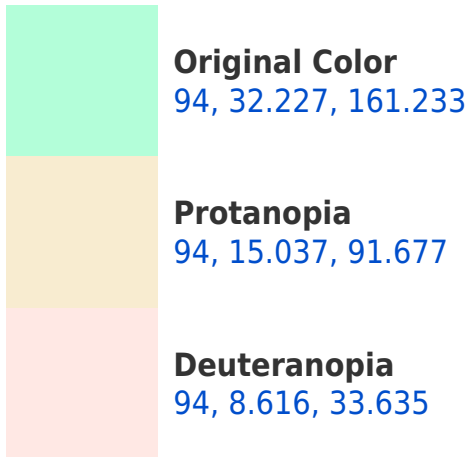


This preview shows how white text looks on a background with the CIELCh color 94, 32.227, 161.233.

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



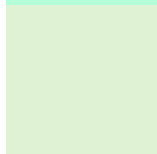


Tritanopia
94, 12.451, 228.710

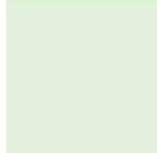
Trichromacy



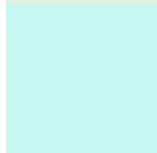
Original Color
94, 32.227, 161.233



Protanomaly
93, 17.390, 132.370



Deuteranomaly
93, 9.491, 138.902



Tritanomaly
94, 16.558, 187.563

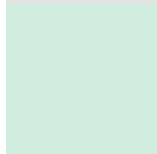
Monochromacy



Original Color
94, 32.227, 161.233



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.341, 162.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.227, 161.233 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(179, 254, 217)` looks like.

```
.text, #text, p{  
    color:rgb(179, 254, 217)  
}
```

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(179, 254, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 254, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.227, 161.233 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(179, 254, 217) }
```

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

```
.border{ border-color:rgb(179, 254, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 254, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 254, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 254, 217);  
box-shadow:4px 4px 4px 4px rgb(179, 254,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.227, 161.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 254, 217) }
```

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

```
.background{ background-color: rgb(179,  
254, 217) }
```

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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