

Converting Colors

CIELCh(94, 40.905, 149.019)

Have a look what the booklet for
CIELCh(94, 40.905, 149.019)
contains.

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Color

CIELCh(94, 40.624, 149.047)

Conversions

Conversions Part 1	
Format	Color
Hex	B3FFC4
RGB	179, 255, 196
RGB Percent	70%, 100%, 77%
CMY	0.2972, 0.0000, 0.2305
CMYK	0.30, 0.00, 0.23, 0.00
HSL	133°, 100%, 85%
HSV	133°, 30%, 100%
XYZ	64.4629, 85.2715, 65.4162
YIQ	225.5500, -26.3570, -34.4610

Conversions

Conversions Part 2

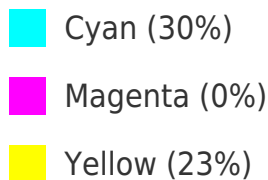
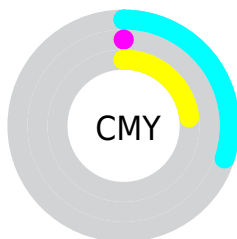
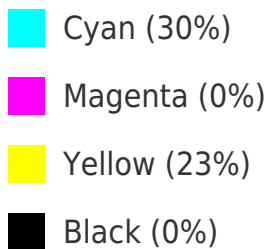
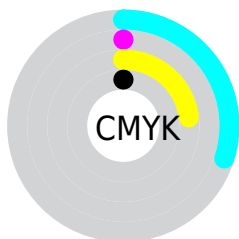
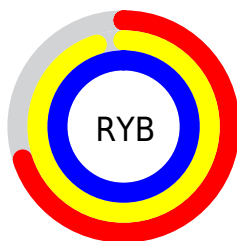
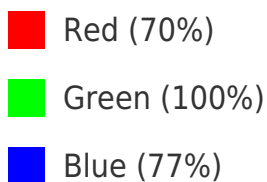
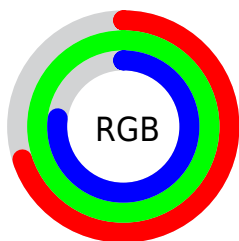
Format	Color
RYB	179, 241, 255
Decimal	11796420
CIELab	94.00, -34.84, 20.89
CIELCh	94, 40.624, 149.047
Yxy	85.2715, 0.2996, 0.3963
Android (android.graphics.Color)	4289986500 (0xFFB3FFC4)
YUV	225.5500, -14.5682, -40.8244
Hunter-Lab	92.3426, -36.9915, 22.6383

Details

The CIELCh color **94, 40.624, 149.047** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **82, 40.713, 333.375**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.633, 190.233**, and **74, 40.734, 149.011** is the 20% darker color. If you saturate the color by 10%, you get **92, 53.795, 148.032**, and if you desaturate by 10%, it is **96, 26.881, 149.981**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 40.624, 149.047 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, 40.624, 149.047 by changing the saturation by 10% instead.


 94, 40.624,
149.047


 94, 40.624,
149.047


 100, 40.624,
149.047

 84, 40.624,
149.047

 74, 40.624,
149.047

 64, 40.624,
149.047


 54, 40.624,
149.047

 44, 40.624,
149.047


 34, 40.624,
149.047


 24, 40.624,


149.047


 14, 40.624,
149.047


 4, 40.624, 149.047


 94, 40.624,
149.047


 94, 40.624,
149.047

 92, 53.795,
148.032


 96, 26.881,
149.981


 91, 66.540,
146.825


 98, 13.197,
150.770


 90, 78.430,
145.447


100, 0.012,
296.813

 89, 89.168,
143.901

 89, 98.475,
142.219

 88, 106.120,
140.469

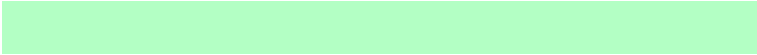
 88, 111.993,
138.799

 88, 112.138,
138.757

Harmonies

Complementary

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



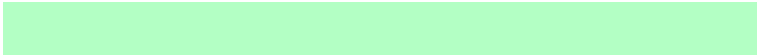
94, 40.624, 149.047



82, 40.713, 333.375

Rectangle

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



94, 40.624, 149.047



94, 40.624, 199.047



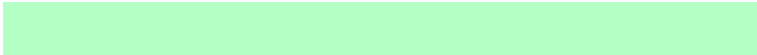
94, 40.624, 329.047



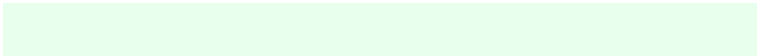
94, 40.624, 19.047

Sweetspot

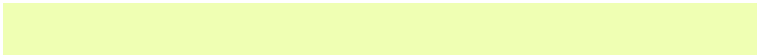
The Sweet Spot groups the original color and five complimentary colors.



94, 40.488, 149.077



98, 12.217, 150.824



97, 38.602, 116.636



52, 8.497, 150.715



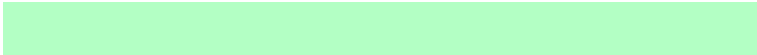
0, 0.000, 0.000



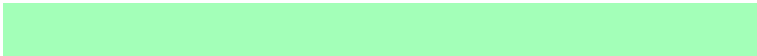
53, 0.007, 296.813

Same Dimension

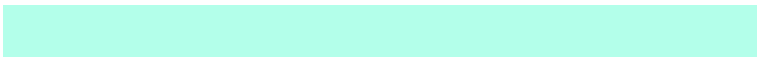
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 40.488, 149.077



93, 48.899, 148.438



95, 27.768, 174.177



52, 7.720, 150.786



68, 89.669, 139.063



23, 38.849, 141.642

Inverse Universe

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



82, 40.713, 333.375



78, 49.148, 333.831



81, 30.520, 0.466



50, 7.748, 331.973



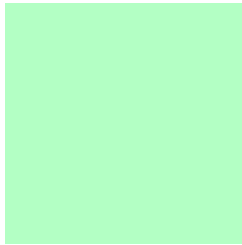
43, 78.268, 339.709



11, 36.729, 338.024

Previews

White Background



This preview shows how the CIELCh color 94, 40.624, 149.047 looks on a white background.

Color Contrast Check

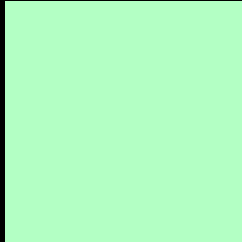
Large Text (above 18pt) WCAG AA × Fail

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, 40.624, 149.047 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

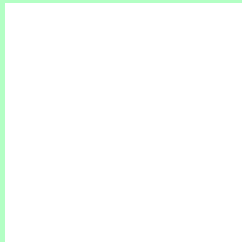
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 40.624, 149.047

Background



This preview shows how black text looks on a background with the CIELCh color 94, 40.624, 149.047.

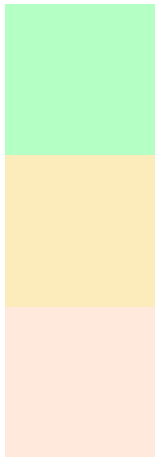


This preview shows how white text looks on a background with the CIELCh color 94, 40.624, 149.047.

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, 40.624, 149.047

Protanopia

94, 25.833, 94.338

Deuteranopia

94, 10.486, 55.693



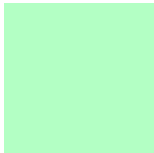
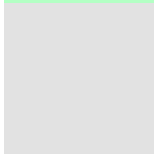
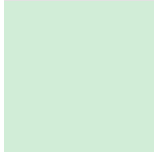
Tritanopia

94, 12.154, 232.459

Trichromacy

	Original Color 94, 40.624, 149.047
	Protanomaly 93, 27.797, 121.350
	Deuteranomaly 93, 15.651, 126.681
	Tritanomaly 94, 17.851, 176.185

Monochromacy

	Original Color 94, 40.624, 149.047
	Achromatopsia 90, 0.011, 296.813
	Achromatomaly 91, 15.249, 150.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 40.624, 149.047 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, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 196)  
}
```

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, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 40.624, 149.047 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, 255, 196) }
```

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

```
.border{ border-color:rgb(179, 255, 196) }
```

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

Here you see how a box with a 4 pixel rgb(179, 255, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 40.624, 149.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 196) }
```

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

```
.background{ background-color: rgb(179,  
255, 196) }
```

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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