

Converting Colors

CIELCh(94, 43.086, 142.472)

Have a look what the booklet for
CIELCh(94, 43.086, 142.472)
contains.

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Color

CIELCh(94, 43.243, 142.574)

Conversions

Conversions Part 1	
Format	Color
Hex	BAFFBA
RGB	186, 255, 186
RGB Percent	73%, 100%, 73%
CMY	0.2717, 0.0011, 0.2717
CMYK	0.27, 0.00, 0.27, 0.00
HSL	120°, 99%, 86%
HSV	120°, 27%, 100%
XYZ	64.6823, 85.2715, 59.3507
YIQ	226.5030, -18.9750, -36.0870

Conversions

Conversions Part 2

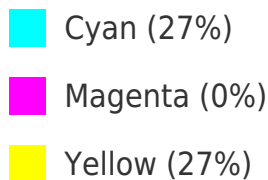
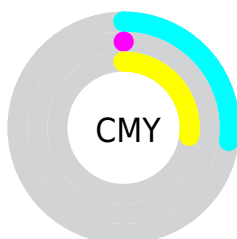
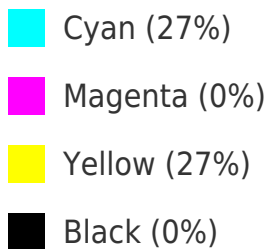
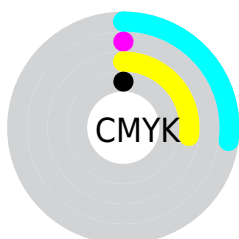
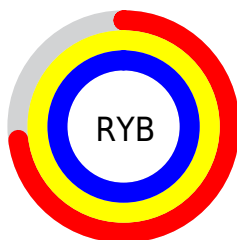
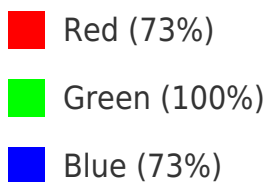
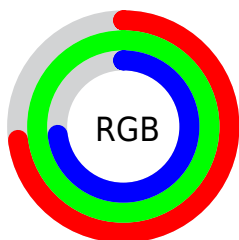
Format	Color
RYB	186, 255, 255
Decimal	12255162
CIELab	94.00, -34.34, 26.28
CIELCh	94, 43.243, 142.574
Yxy	85.2715, 0.3090, 0.4074
Android (android.graphics.Color)	4290445242 (0xFFBAFFBA)
YUV	226.5030, -19.9680, -35.5211
Hunter-Lab	92.3426, -36.5675, 26.5328

Details

The CIELCh color **94, 43.243, 142.574** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 43.250, 325.927**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 7.881, 142.131**, and **74, 43.494, 142.401** is the 20% darker color. If you saturate the color by 10%, you get **92, 58.909, 141.656**, and if you desaturate by 10%, it is **96, 27.258, 143.369**.


Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 43.243, 142.574 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, 43.243, 142.574 by changing the saturation by 10% instead.


 94, 43.243,
142.574


 94, 43.243,
142.574

 100, 43.243,
142.574


 84, 43.243,
142.574

 74, 43.243,
142.574

 64, 43.243,
142.574


 54, 43.243,
142.574

 44, 43.243,
142.574


 34, 43.243,
142.574


 24, 43.243,


142.574


 14, 43.243,
142.574


 4, 43.243, 142.574


 94, 43.243,
142.574


 94, 43.243,
142.574

 92, 58.909,
141.656


 96, 27.258,
143.369


 91, 73.869,
140.618


 98, 11.240,
144.058


 90, 87.644,
139.490


100, 0.188,
322.799

 89, 99.651,
138.344

 88, 109.236,
137.300

 88, 115.791,
136.513

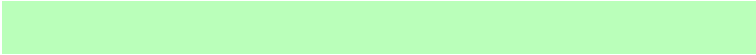
 88, 119.081,
136.094

 88, 119.675,
136.016

Harmonies

Complementary

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



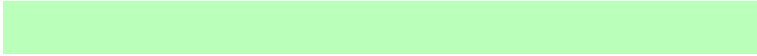
94, 43.243, 142.574



84, 43.250, 325.927

Rectangle

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



94, 43.243, 142.574



94, 43.243, 192.574



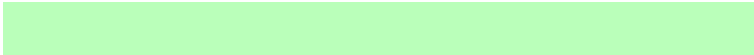
94, 43.243, 322.574



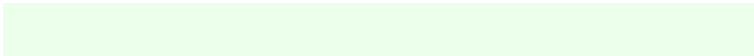
94, 43.243, 12.574

Sweetspot

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



94, 43.245, 142.574



98, 12.710, 143.998



98, 34.693, 107.533



52, 9.043, 143.899



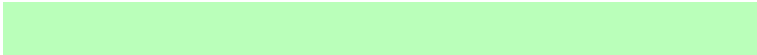
0, 0.000, 0.000



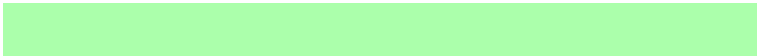
53, 0.007, 296.813

Same Dimension

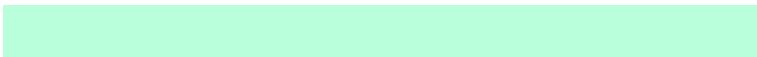
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 43.245, 142.574



93, 52.617, 142.046



95, 29.842, 161.151



52, 9.043, 143.899



68, 96.473, 136.017



22, 43.824, 136.778

Inverse Universe

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



84, 43.250, 325.927



80, 52.582, 326.241



83, 30.870, 346.154



50, 9.056, 324.949



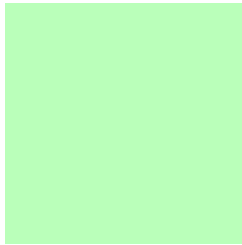
45, 93.077, 328.236



12, 42.820, 328.235

Previews

White Background



This preview shows how the CIELCh color 94, 43.243, 142.574 looks on a white background.

Color Contrast Check

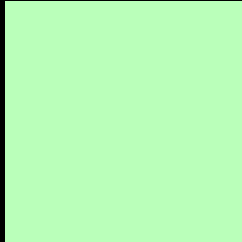
Large Text (above 18pt) WCAG AA × Fail

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, 43.243, 142.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

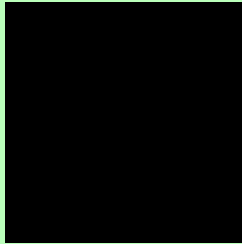
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

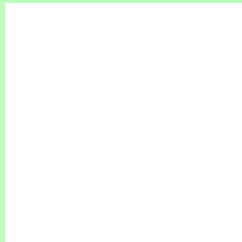
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 43.243, 142.574

Background



This preview shows how black text looks on a background with the CIELCh color 94, 43.243, 142.574.

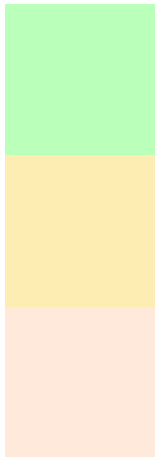


This preview shows how white text looks on a background with the CIELCh color 94, 43.243, 142.574.

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, 43.243, 142.574

Protanopia

94, 30.853, 95.336

Deuteranopia

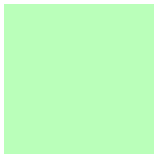
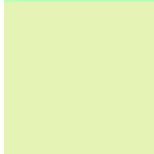
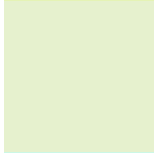
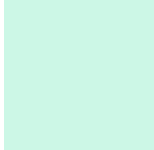
94, 11.208, 62.994



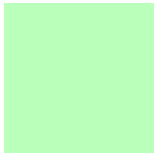
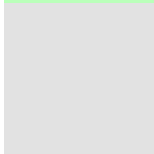
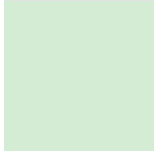
Tritanopia

94, 11.364, 235.181

Trichromacy

	Original Color 94, 43.243, 142.574
	Protanomaly 93, 31.991, 117.301
	Deuteranomaly 94, 18.395, 121.521
	Tritanomaly 94, 17.410, 168.103

Monochromacy

	Original Color 94, 43.243, 142.574
	Achromatopsia 90, 0.011, 296.813
	Achromatomaly 91, 15.836, 143.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 43.243, 142.574 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, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 186)  
}
```

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, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 43.243, 142.574 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, 255, 186) }
```

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

```
.border{ border-color:rgb(186, 255, 186) }
```

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

Here you see how a box with a 4 pixel rgb(186, 255, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 43.243, 142.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 186) }
```

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

```
.background{ background-color: rgb(186,  
255, 186) }
```

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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