

Converting Colors

CIELCh(94, 46.596, 143.403)

Have a look what the booklet for
CIELCh(94, 46.596, 143.403)
contains.

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Color

CIELCh(94, 45.719, 143.432)

Conversions

Conversions Part 1

Format	Color
Hex	B5FFB8
RGB	181, 255, 184
RGB Percent	71%, 100%, 72%
CMY	0.2911, 0.0000, 0.2794
CMYK	0.29, 0.00, 0.28, 0.00
HSL	122°, 100%, 85%
HSV	122°, 29%, 100%
XYZ	63.6386, 85.2715, 58.3127
YIQ	224.7800, -21.3130, -37.7690

Conversions

Conversions Part 2

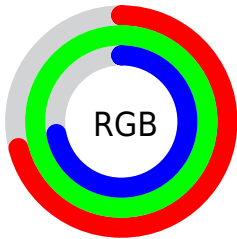
Format	Color
RYB	181, 252, 255
Decimal	11927480
CIELab	94.00, -36.72, 27.24
CIELCh	94, 45.719, 143.432
Yxy	85.2715, 0.3071, 0.4115
Android (android.graphics.Color)	4290117560 (0xFFB5FFB8)
YUV	224.7800, -20.1045, -38.3951
Hunter-Lab	92.3426, -38.5849, 27.1992

Details

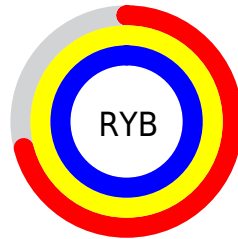
The CIELCh color **94, 45.719, 143.432** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **83, 45.257, 327.166**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.753, 147.442**, and **74, 44.968, 143.640** is the 20% darker color. If you saturate the color by 10%, you get **92, 60.430, 142.506**, and if you desaturate by 10%, it is **96, 29.711, 144.293**.

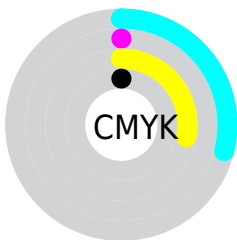
Distribution



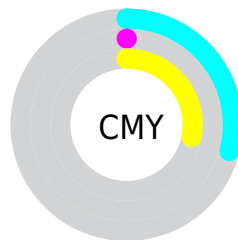
- Red (71%)
- Green (100%)
- Blue (72%)



- Red (71%)
- Yellow (99%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 45.719, 143.432 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, 45.719, 143.432 by changing the saturation by 10% instead.


 94, 45.719,
143.432


 94, 45.719,
143.432


 100, 45.719,
143.432


 84, 45.719,
143.432

 74, 45.719,
143.432

 64, 45.719,
143.432

 54, 45.719,
143.432

 44, 45.719,
143.432

 34, 45.719,
143.432

 24, 45.719,

143.432

■ 14, 45.719,
143.432

■ 4, 45.719, 143.432

■ 94, 45.719,
143.432

■ 94, 45.719,
143.432

■ 92, 60.430,
142.506

■ 96, 29.711,
144.293

■ 91, 74.881,
141.419

■ 98, 14.098,
145.008

■ 90, 88.152,
140.227

100, 0.012,
296.813

■ 89, 99.721,
138.993

■ 88, 109.011,
137.823

■ 88, 115.496,
136.863

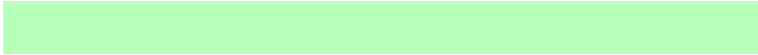
■ 88, 118.961,
136.258

■ 88, 119.145,
136.234

Harmonies

Complementary

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



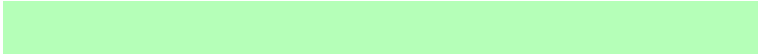
94, 45.719, 143.432



83, 45.257, 327.166

Rectangle

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



94, 45.719, 143.432



94, 45.719, 193.432



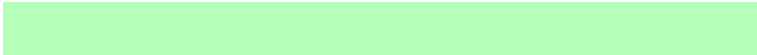
94, 45.719, 323.432



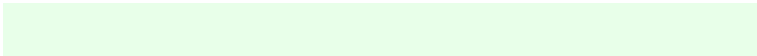
94, 45.719, 13.432

Sweetspot

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



94, 45.251, 143.464



98, 13.923, 145.016



98, 37.287, 108.801



52, 9.684, 144.917



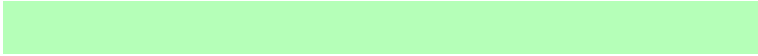
0, 0.000, 0.000



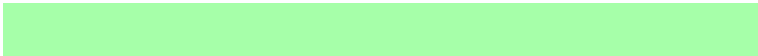
53, 0.007, 296.813

Same Dimension

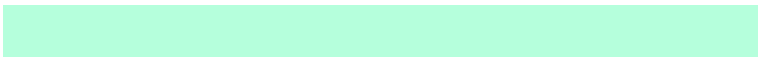
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 45.251, 143.464



93, 54.253, 142.916



95, 31.227, 162.712



52, 8.798, 144.982



68, 95.745, 136.328



22, 42.940, 137.536

Inverse Universe

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



83, 45.257, 327.166



79, 54.206, 327.489



81, 32.593, 348.318



50, 8.813, 326.047



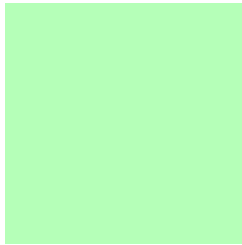
45, 90.189, 329.902



12, 41.649, 329.693

Previews

White Background



This preview shows how the CIE LCh color 94, 45.719, 143.432 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, 45.719, 143.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

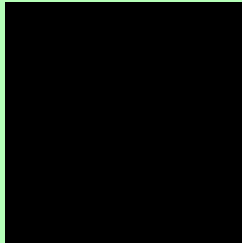
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

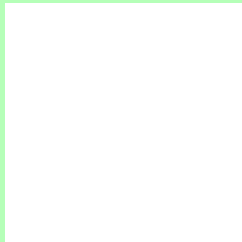
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 45.719, 143.432

Background



This preview shows how black text looks on a background with the CIELCh color 94, 45.719, 143.432.

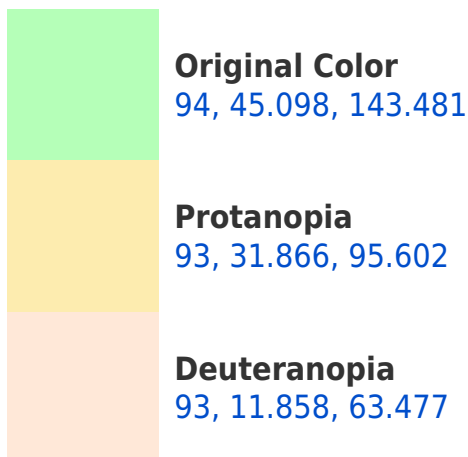


This preview shows how white text looks on a background with the CIELCh color 94, 45.719, 143.432.

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





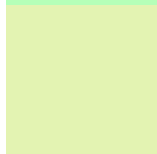
Tritanopia

94, 12.154, 232.459

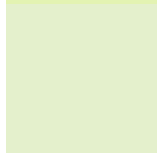
Trichromacy



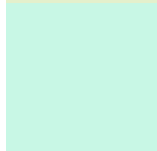
Original Color
94, 45.098, 143.481



Protanomaly
93, 33.613, 118.057



Deuteranomaly
93, 18.995, 122.229

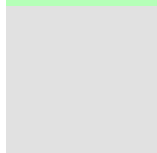


Tritanomaly
94, 18.843, 168.700

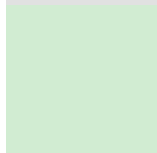
Monochromacy



Original Color
94, 45.098, 143.481



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 16.684, 144.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 45.719, 143.432 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, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 184)  
}
```

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, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 45.719, 143.432 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, 255, 184) }
```

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

```
.border{ border-color:rgb(181, 255, 184) }
```

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

Here you see how a box with a 4 pixel rgb(181, 255, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 45.719, 143.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 184) }
```

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

```
.background{ background-color: rgb(181,  
255, 184) }
```

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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