

Converting Colors

CIELCh(94, 30.212, 144.771)

Have a look what the booklet for
CIELCh(94, 30.212, 144.771)
contains.

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Color

CIELCh(94, 30.186, 144.777)

Conversions

Conversions Part 1

Format	Color
Hex	C8FACB
RGB	200, 250, 203
RGB Percent	78%, 98%, 80%
CMY	0.2142, 0.0181, 0.2025
CMYK	0.20, 0.00, 0.19, 0.02
HSL	124°, 84%, 88%
HSV	124°, 20%, 98%
XYZ	69.0487, 85.2715, 69.5522
YIQ	229.6920, -14.7130, -25.2170

Conversions

Conversions Part 2

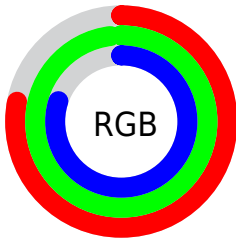
Format	Color
R_{YB}	200, 247, 250
Decimal	13171403
CIE _{Lab}	94.00, -24.66, 17.41
CIE _{LCh}	94, 30.186, 144.777
Yxy	85.2715, 0.3084, 0.3809
Android (android.graphics.Color)	4291361483 (0xFFC8FACB)
YUV	229.6920, -13.1592, -26.0399
Hunter-Lab	92.3426, -28.1271, 19.9828

Details

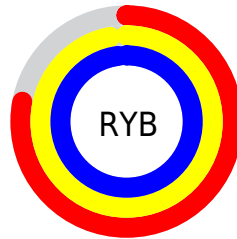
The CIELCh color **94, 30.186, 144.777** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 30.222, 327.221**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 29.946, 145.078** is the 20% darker color. If you saturate the color by 10%, you get **92, 45.278, 143.933**, and if you desaturate by 10%, it is **96, 15.009, 145.505**.

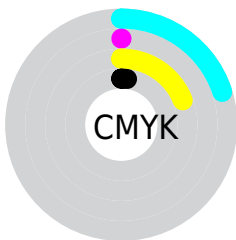
Distribution



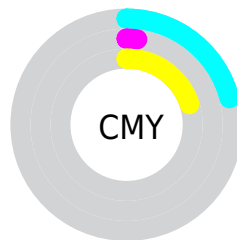
- Red (78%)
- Green (98%)
- Blue (80%)



- Red (78%)
- Yellow (97%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)




- Cyan (21%)
- Magenta (2%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 30.186, 144.777 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, 30.186, 144.777 by changing the saturation by 10% instead.

 94, 30.186,
144.777

 94, 30.186,
144.777

 100, 30.186,
144.777

 84, 30.186,
144.777

 74, 30.186,
144.777

 64, 30.186,
144.777

 54, 30.186,
144.777

 44, 30.186,
144.777

 34, 30.186,
144.777

 24, 30.186,

144.777

■ 14, 30.186,
144.777

■ 4, 30.186, 144.777

■ 94, 30.186,
144.777

■ 94, 30.186,
144.777

■ 92, 45.278,
143.933

■ 96, 15.009,
145.505

■ 91, 60.000,
142.957

■ 98, 0.047, 319.265

■ 99, 2.870, 324.434

■ 89, 74.001,
141.848

■ 88, 86.855,
140.626

■ 87, 98.075,
139.349

■ 87, 107.134,
138.115

■ 86, 113.550,
137.065

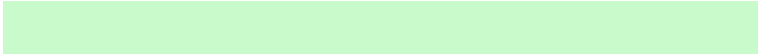
■ 86, 117.132,
136.365

■ 86, 117.138,
136.364

Harmonies

Complementary

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



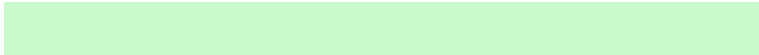
94, 30.186, 144.777



86, 30.222, 327.221

Rectangle

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



94, 30.186, 144.777



94, 30.186, 194.777



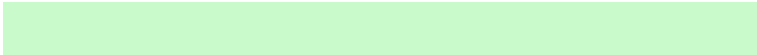
94, 30.186, 324.777



94, 30.186, 14.777

Sweetspot

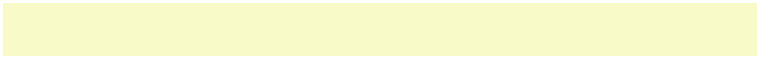
The Sweet Spot groups the original color and five complimentary colors.



94, 30.188, 144.777



99, 9.134, 145.773



97, 25.352, 110.355



52, 6.062, 145.729



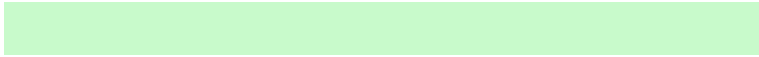
0, 0.000, 0.000



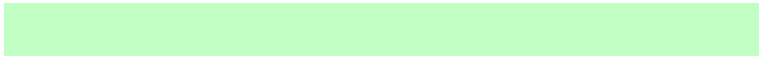
53, 0.007, 296.813

Same Dimension

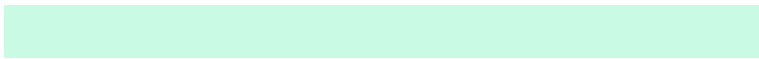
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 30.188, 144.777



95, 36.827, 144.451



95, 20.985, 164.620



51, 8.537, 145.538



67, 94.422, 136.489



21, 41.202, 138.180

Inverse Universe

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



86, 30.222, 327.221



85, 36.859, 327.455



86, 21.663, 348.286



49, 8.551, 326.609



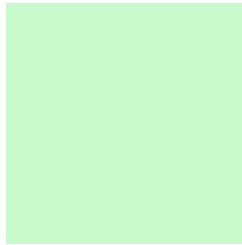
44, 87.917, 330.775



11, 40.015, 330.436

Previews

White Background



This preview shows how the CIELCh color 94, 30.186, 144.777 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, 30.186, 144.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

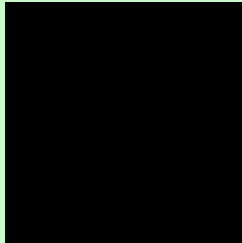
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

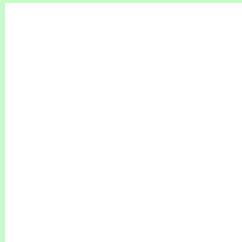
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 30.186, 144.777

Background



This preview shows how black text looks on a background with the CIELCh color 94, 30.186, 144.777.



This preview shows how white text looks on a background with the CIELCh color 94, 30.186, 144.777.

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



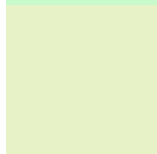


Tritanopia
94, 10.433, 242.937

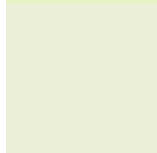
Trichromacy



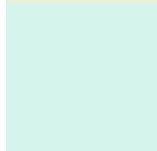
Original Color
94, 30.186, 144.777



Protanomaly
94, 22.293, 118.091



Deuteranomaly
94, 11.892, 116.301

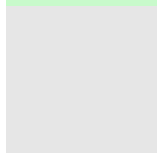


Tritanomaly
94, 11.880, 178.344

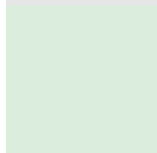
Monochromacy



Original Color
94, 30.186, 144.777



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.944, 145.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 30.186, 144.777 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(200, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(200, 250, 203)  
}
```

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(200, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 250, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 30.186, 144.777 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(200, 250, 203) }
```

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

```
.border{ border-color:rgb(200, 250, 203) }
```

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

Here you see how a box with a 4 pixel rgb(200, 250, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(200, 250,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 30.186, 144.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 250, 203) }
```

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

```
.background{ background-color: rgb(200,  
250, 203) }
```

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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