

Converting Colors

CIELCh(94, 15.769, 173.557)

Have a look what the booklet for
CIELCh(94, 15.769, 173.557)
contains.

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Color

CIELCh(94, 16.052, 173.716)

Conversions

Conversions Part 1

Format	Color
Hex	CDF7EA
RGB	205, 247, 234
RGB Percent	80%, 97%, 92%
CMY	0.1969, 0.0322, 0.0832
CMYK	0.17, 0.00, 0.05, 0.03
HSL	161°, 72%, 89%
HSV	161°, 17%, 97%
XYZ	73.1381, 85.2715, 90.2896
YIQ	232.9600, -20.8590, -12.9470

Conversions

Conversions Part 2

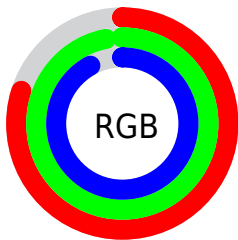
Format	Color
R_{YB}	205, 230, 247
Decimal	13498346
CIE _{Lab}	94.00, -15.96, 1.76
CIE _{LCh}	94, 16.052, 173.716
Yxy	85.2715, 0.2941, 0.3429
Android (android.graphics.Color)	4291688426 (0xFFCDF7EA)
YUV	232.9600, 0.5127, -24.5209
Hunter-Lab	92.3426, -20.2222, 6.6680

Details

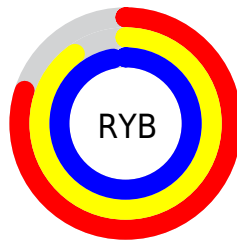
The CIELCh color **94, 16.052, 173.716** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 16.838, 356.986**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 16.450, 172.768** is the 20% darker color. If you saturate the color by 10%, you get **92, 25.157, 172.644**, and if you desaturate by 10%, it is **96, 6.672, 174.737**.

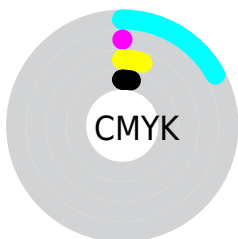
Distribution



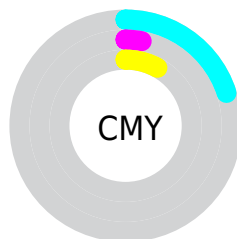
- Red (80%)
- Green (97%)
- Blue (92%)



- Red (80%)
- Yellow (90%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (20%)
- Magenta (3%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 16.052, 173.716 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, 16.052, 173.716 by changing the saturation by 10% instead.


 94, 16.052,
173.716


 94, 16.052,
173.716


 100, 16.052,
173.716


 84, 16.052,
173.716


 74, 16.052,
173.716

 64, 16.052,
173.716

 54, 16.052,
173.716

 44, 16.052,
173.716

 34, 16.052,
173.716

 24, 16.052,

173.716

■ 14, 16.052,
173.716

■ 4, 16.052, 173.716

■ 94, 16.052,
173.716

■ 94, 16.052,
173.716

■ 92, 25.157,
172.644

■ 96, 6.672, 174.737

■ 91, 33.830,
171.487

■ 98, 2.856, 355.370

■ 98, 5.108, 324.559

■ 90, 41.911,
170.216

■ 89, 49.241,
168.805

■ 88, 55.685,
167.229

■ 87, 61.158,
165.463

■ 87, 65.648,
163.492

■ 87, 69.247,
161.325

■ 87, 70.231,
160.673

Harmonies

Complementary

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



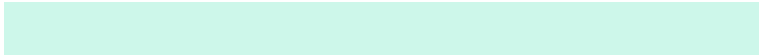
94, 16.052, 173.716



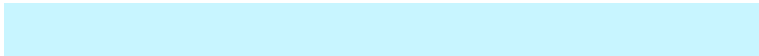
86, 16.838, 356.986

Rectangle

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



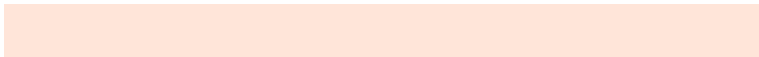
94, 16.052, 173.716



94, 16.052, 223.716



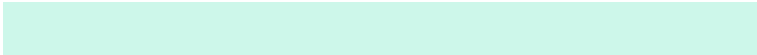
94, 16.052, 353.716



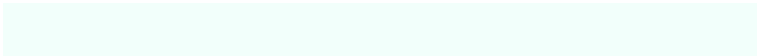
94, 16.052, 43.716

Sweetspot

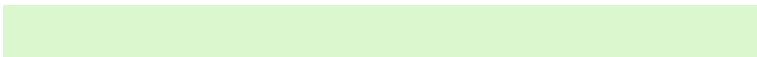
The Sweet Spot groups the original color and five complimentary colors.



94, 16.054, 173.712



99, 4.885, 174.958



94, 23.964, 134.448



53, 3.332, 174.878



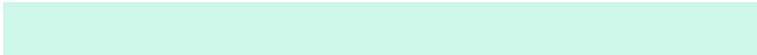
0, 0.000, 0.000



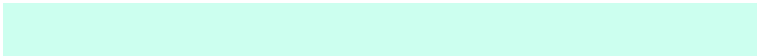
53, 0.007, 296.813

Same Dimension

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



94, 16.054, 173.712



96, 19.309, 173.398



92, 12.083, 218.057



50, 5.360, 174.481



67, 56.447, 161.092



21, 23.829, 164.432

Inverse Universe

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



86, 16.838, 356.986



87, 20.431, 357.342



88, 13.527, 37.394



48, 5.505, 356.149



39, 68.923, 20.276



9, 29.659, 10.600

Previews

White Background



This preview shows how the CIE LCh color 94, 16.052, 173.716 looks on a white background.

Color Contrast Check

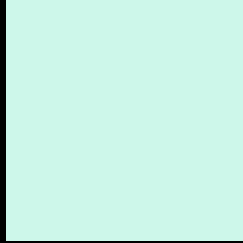
Large Text (above 18pt) WCAG AA × Fail

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, 16.052, 173.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

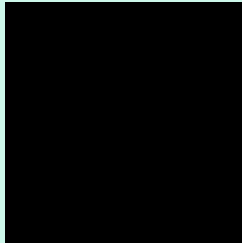
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

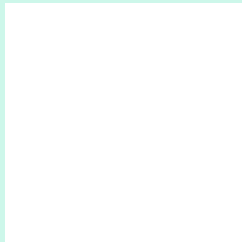
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 16.052, 173.716

Background



This preview shows how black text looks on a background with the CIELCh color 94, 16.052, 173.716.

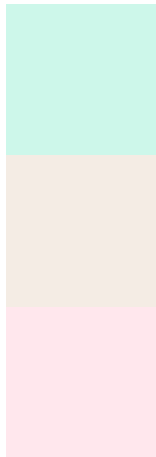


This preview shows how white text looks on a background with the CIELCh color 94, 16.052, 173.716.

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, 16.052, 173.716

Protanopia
94, 5.000, 74.534

Deuteranopia
94, 9.163, 0.360

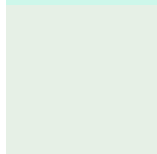


Tritanopia
94, 10.433, 242.937

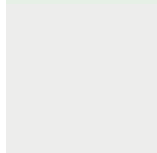
Trichromacy



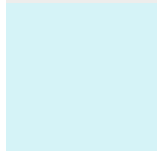
Original Color
94, 16.052, 173.716



Protanomaly
94, 6.280, 144.253



Deuteranomaly
94, 0.503, 109.993



Tritanomaly
94, 10.331, 210.366

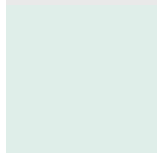
Monochromacy



Original Color
94, 16.052, 173.716



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 5.903, 173.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 16.052, 173.716 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(205, 247, 234)` looks like.

```
.text, #text, p{  
    color:rgb(205, 247, 234)  
}
```

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(205, 247, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 247, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 16.052, 173.716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

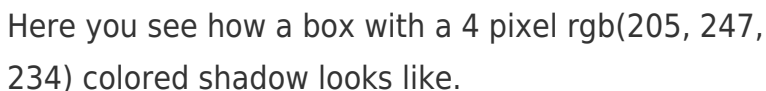
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 247, 234) }
```

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

```
.border{ border-color:rgb(205, 247, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 247, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 247, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 247, 234);  
box-shadow:4px 4px 4px 4px rgb(205, 247,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 16.052, 173.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 247, 234) }
```

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

```
.background{ background-color: rgb(205,  
247, 234) }
```

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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