

Converting Colors

CIELCh(94, 18.959, 149.592)

Have a look what the booklet for
CIELCh(94, 18.959, 149.592)
contains.

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Color

CIELCh(94, 18.517, 149.812)

Conversions

Conversions Part 1

Format	Color
Hex	D4F6DB
RGB	212, 246, 219
RGB Percent	83%, 96%, 86%
CMY	0.1674, 0.0341, 0.1400
CMYK	0.14, 0.00, 0.11, 0.03
HSL	132°, 66%, 90%
HSV	132°, 14%, 97%
XYZ	73.1141, 85.2715, 79.8318
YIQ	232.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

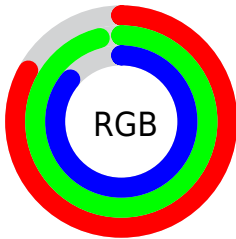
Format	Color
R _Y B	212, 240, 246
Decimal	13956827
CIE Lab	94.00, -16.01, 9.31
CIE LCh	94, 18.517, 149.812
Yxy	85.2715, 0.3069, 0.3580
Android (android.graphics.Color)	4292146907 (0xFFD4F6DB)
YUV	232.7560, -6.7817, -18.2030
Hunter-Lab	92.3426, -20.2687, 13.3826

Details

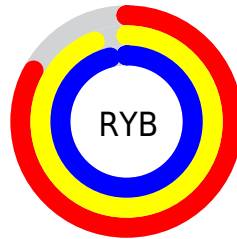
The CIELCh color **94, 18.517, 149.812** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 18.585, 331.590**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 18.803, 149.772** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.002, 148.991**, and if you desaturate by 10%, it is **96, 5.071, 150.563**.

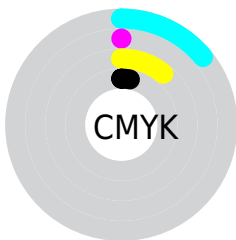
Distribution



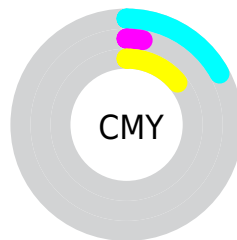
- Red (83%)
- Green (96%)
- Blue (86%)



- Red (83%)
- Yellow (94%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)




- Cyan (17%)
- Magenta (3%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 18.517, 149.812 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, 18.517, 149.812 by changing the saturation by 10% instead.

 94, 18.517,
149.812


 94, 18.517,
149.812

 100, 18.517,
149.812


 84, 18.517,
149.812


 74, 18.517,
149.812

 64, 18.517,
149.812

 54, 18.517,
149.812

 44, 18.517,
149.812

 34, 18.517,
149.812

 24, 18.517,

149.812

■ 14, 18.517,
149.812

■ 4, 18.517, 149.812

■ 94, 18.517,
149.812

■ 94, 18.517,
149.812

■ 92, 32.002,
148.991

■ 96, 5.071, 150.563

■ 90, 45.328,
148.043

■ 98, 5.408, 324.573

■ 89, 58.259,
146.946

■ 88, 70.517,
145.685

■ 87, 81.803,
144.258

■ 86, 91.813,
142.682

■ 86, 100.272,
141.009

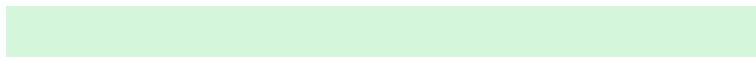
■ 85, 106.954,
139.333

■ 85, 110.192,
138.389

Harmonies

Complementary

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



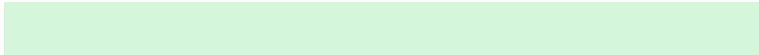
94, 18.517, 149.812



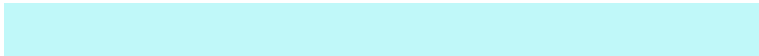
89, 18.585, 331.590

Rectangle

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



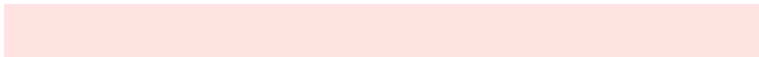
94, 18.517, 149.812



94, 18.517, 199.812



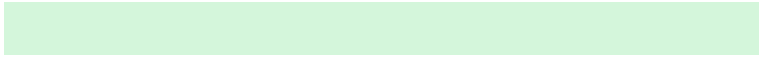
94, 18.517, 329.812



94, 18.517, 19.812

Sweetspot

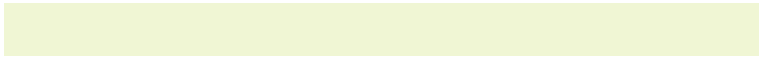
The Sweet Spot groups the original color and five complimentary colors.



94, 18.519, 149.811



99, 5.480, 150.547



96, 17.521, 117.049



53, 3.898, 150.487



0, 0.000, 0.000



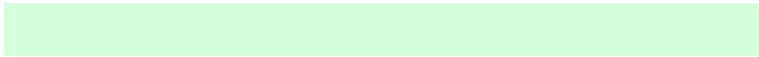
53, 0.007, 296.813

Same Dimension

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



94, 18.519, 149.811



96, 23.479, 149.559



94, 12.968, 174.701



50, 7.567, 150.136



66, 88.684, 138.680



21, 36.914, 141.528

Inverse Universe

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



89, 18.585, 331.590



89, 23.570, 331.805



88, 13.496, 357.285



48, 7.591, 331.301



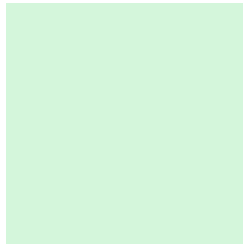
42, 77.778, 338.520



10, 35.291, 336.888

Previews

White Background



This preview shows how the CIELCh color 94, 18.517, 149.812 looks on a white background.

Color Contrast Check

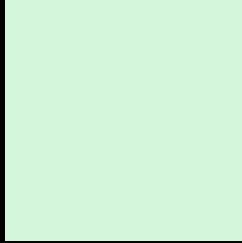
Large Text (above 18pt) WCAG AA × Fail

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, 18.517, 149.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

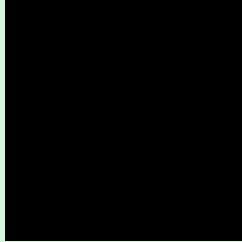
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

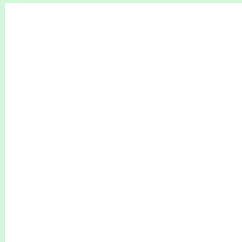
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 18.517, 149.812

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.517, 149.812.

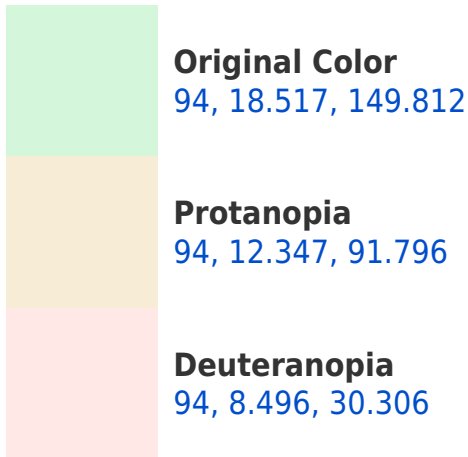


This preview shows how white text looks on a background with the CIELCh color 94, 18.517, 149.812.

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



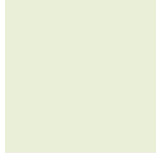


Tritanopia
94, 9.516, 253.652

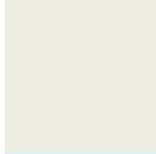
Trichromacy



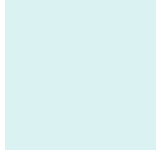
Original Color
94, 18.517, 149.812



Protanomaly
94, 12.508, 119.289



Deuteranomaly
94, 6.192, 102.975

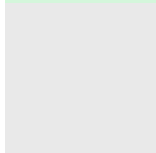


Tritanomaly
94, 7.924, 198.964

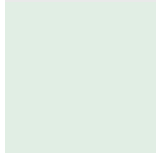
Monochromacy



Original Color
94, 18.517, 149.812



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 6.960, 151.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 18.517, 149.812 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(212, 246, 219)` looks like.

```
.text, #text, p{  
    color:rgb(212, 246, 219)  
}
```

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(212, 246, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 246, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.517, 149.812 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(212, 246, 219) }
```

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

```
.border{ border-color:rgb(212, 246, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 246, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 246, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 246, 219); box-shadow:4px 4px 4px 4px rgb(212, 246, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.517, 149.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 246, 219) }
```

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

```
.background{ background-color: rgb(212,  
246, 219) }
```

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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