

Converting Colors

CIELCh(94, 9.412, 182.946)

Have a look what the booklet for
CIELCh(94, 9.412, 182.946) contains.

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Color

CIELCh(94, 9.412, 182.946)

Conversions

Conversions Part 1

Format	Color
Hex	D9F3EE
RGB	217, 243, 238
RGB Percent	85%, 95%, 93%
CMY	0.1478, 0.0458, 0.0655
CMYK	0.11, 0.00, 0.02, 0.05
HSL	168°, 53%, 90%
HSV	168°, 11%, 95%
XYZ	76.3227, 85.2715, 93.5585
YIQ	234.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

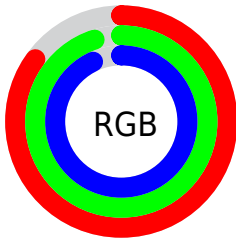
Format	Color
R _Y B	217, 231, 243
Decimal	14283758
CIE Lab	94.00, -9.40, -0.48
CIE LCh	94, 9.412, 182.946
Yxy	85.2715, 0.2991, 0.3342
Android (android.graphics.Color)	4292473838 (0xFFD9F3EE)
YUV	234.6560, 1.6486, -15.4843
Hunter-Lab	92.3426, -14.0662, 4.5691

Details

The CIELCh color **94, 9.412, 182.946** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 9.832, 4.784**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.507, 182.112** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.917, 181.971**, and if you desaturate by 10%, it is **96, 0.611, 184.739**.

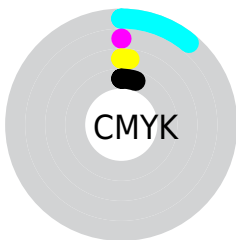
Distribution



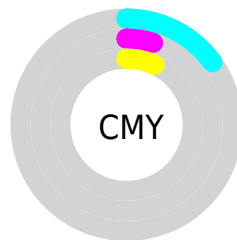
- Red (85%)
- Green (95%)
- Blue (93%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.412, 182.946 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, 9.412, 182.946 by changing the saturation by 10% instead.

 94, 9.412, 182.946

 94, 9.412, 182.946

 100, 9.412,
182.946

 84, 9.412, 182.946

 74, 9.412, 182.946

 64, 9.412, 182.946

 54, 9.412, 182.946

 44, 9.412, 182.946

 34, 9.412, 182.946

 24, 9.412, 182.946

 14, 9.412, 182.946

 4, 9.412, 182.946

94, 9.412, 182.946

94, 9.412, 182.946

92, 17.917,
181.971

96, 0.611, 184.739

91, 25.982,
180.973

97, 4.713, 351.414

90, 33.457,
179.914

97, 6.216, 331.707

89, 40.192,
178.774

97, 7.283, 324.653

88, 46.052,
177.534

87, 50.937,
176.167

87, 54.804,
174.652

86, 57.689,
172.969

■ 86, 59.678,
171.277

Harmonies

Complementary

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



94, 9.412, 182.946



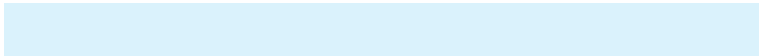
89, 9.832, 4.784

Rectangle

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



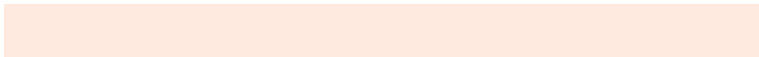
94, 9.412, 182.946



94, 9.412, 232.946



94, 9.412, 2.946



94, 9.412, 52.946

Sweetspot

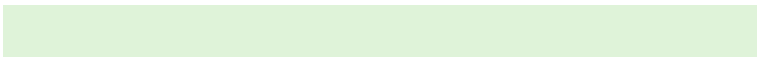
The Sweet Spot groups the original color and five complimentary colors.



94, 9.414, 182.937



99, 2.768, 183.786



94, 15.370, 138.325



53, 2.097, 183.668



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, 9.414, 182.937



98, 11.851, 182.711



92, 7.358, 232.459



50, 5.038, 183.054



68, 48.614, 171.607



21, 20.932, 174.313

Inverse Universe

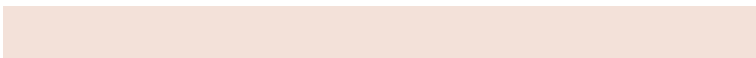
The Inverse Universe completely reimagines the original color for something new.



89, 9.832, 4.784



91, 12.499, 5.042



91, 7.801, 50.788



48, 5.236, 4.654



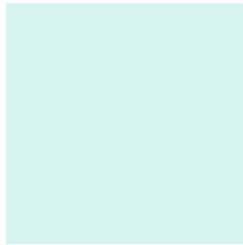
39, 73.745, 30.046



9, 30.028, 17.067

Previews

White Background



This preview shows how the CIELCh color 94, 9.412, 182.946 looks on a white background.

Color Contrast Check

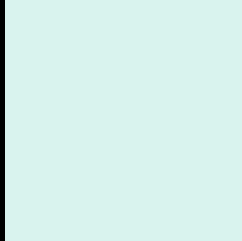
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 9.412, 182.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

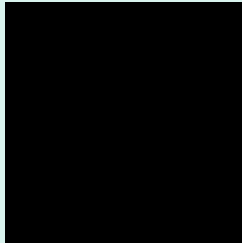
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

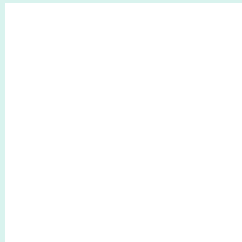
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.412, 182.946

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.412, 182.946.

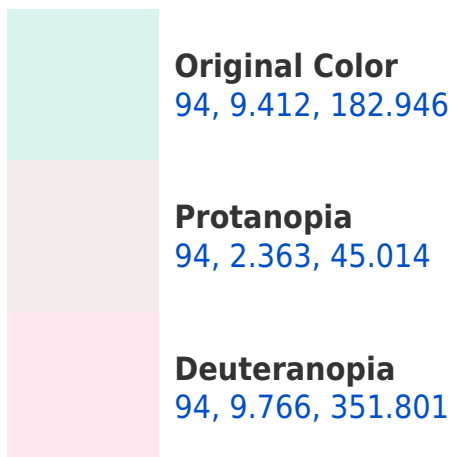


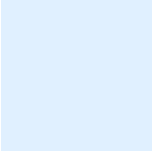
This preview shows how white text looks on a background with the CIELCh color 94, 9.412, 182.946.

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](#).

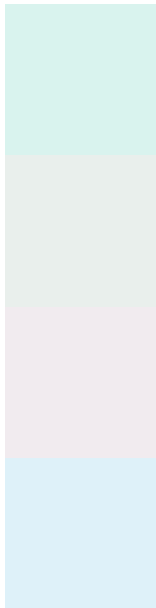
Dichromacy





Tritanopia
94, 9.327, 255.313

Trichromacy



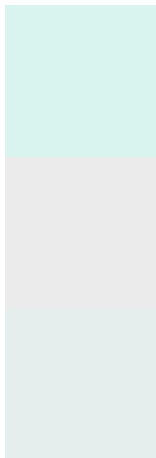
Original Color
94, 9.412, 182.946

Protanomaly
94, 2.631, 163.622

Deuteranomaly
94, 2.983, 335.705

Tritanomaly
94, 7.604, 231.996

Monochromacy



Original Color
94, 9.412, 182.946

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.340, 181.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.412, 182.946 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(217, 243, 238)` looks like.

```
.text, #text, p{  
    color:rgb(217, 243, 238)  
}
```

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(217, 243, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 243, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.412, 182.946 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(217, 243, 238) }
```

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

```
.border{ border-color:rgb(217, 243, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 243, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 243, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 243, 238);  
box-shadow:4px 4px 4px 4px rgb(217, 243,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.412, 182.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 243, 238) }
```

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

```
.background{ background-color: rgb(217,  
243, 238) }
```

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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