

Converting Colors

CIELCh(94, 8.505, 190.769)

Have a look what the booklet for
CIELCh(94, 8.505, 190.769) contains.

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Color

CIELCh(94, 8.803, 188.769)

Conversions

Conversions Part 1

Format	Color
Hex	DAF3F0
RGB	218, 243, 240
RGB Percent	85%, 95%, 94%
CMY	0.1452, 0.0472, 0.0589
CMYK	0.10, 0.00, 0.01, 0.05
HSL	173°, 51%, 90%
HSV	173°, 10%, 95%
XYZ	76.6679, 85.2715, 94.8312
YIQ	235.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

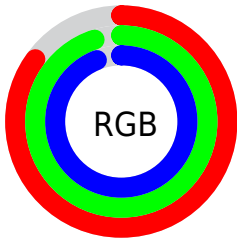
Format	Color
R_{YB}	218, 231, 243
Decimal	14349296
CIE _{Lab}	94.00, -8.70, -1.34
CIE _{LCh}	94, 8.803, 188.769
Yxy	85.2715, 0.2986, 0.3321
Android (android.graphics.Color)	4292539376 (0xFFDAF3F0)
YUV	235.1830, 2.3748, -15.0695
Hunter-Lab	92.3426, -13.3990, 3.7520

Details

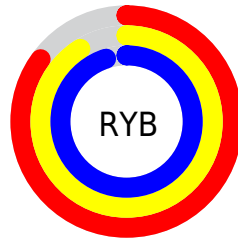
The CIELCh color **94, 8.803, 188.769** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 9.263, 10.360**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.852, 188.153** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.993, 187.899**, and if you desaturate by 10%, it is **96, 0.250, 191.958**.

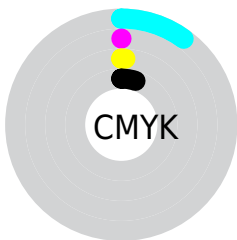
Distribution



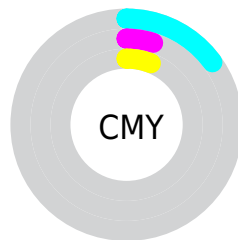
- Red (85%)
- Green (95%)
- Blue (94%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.803, 188.769 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, 8.803, 188.769 by changing the saturation by 10% instead.

94, 8.803, 188.769

94, 8.803, 188.769

100, 8.803,
188.769

84, 8.803, 188.769

74, 8.803, 188.769

64, 8.803, 188.769

54, 8.803, 188.769

44, 8.803, 188.769

34, 8.803, 188.769

24, 8.803, 188.769

14, 8.803, 188.769

4, 8.803, 188.769

94, 8.803, 188.769

94, 8.803, 188.769

92, 16.993,
187.899

96, 0.250, 191.958

91, 24.675,
187.039

97, 4.513, 0.881

90, 31.706,
186.156

97, 5.188, 345.139

89, 37.938,
185.234

97, 6.159, 333.703

88, 43.247,
184.258

97, 7.310, 325.647

87, 47.542,
183.211

97, 7.492, 324.661

87, 50.790,
182.071

87, 53.032,
180.819

■ 86, 54.442,
179.504

Harmonies

Complementary

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



94, 8.803, 188.769



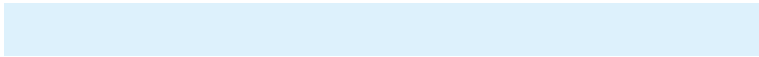
89, 9.263, 10.360

Rectangle

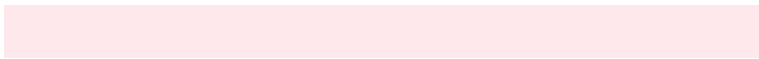
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



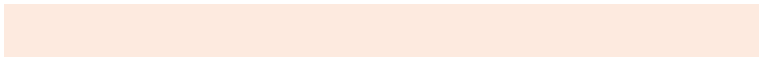
94, 8.803, 188.769



94, 8.803, 238.769



94, 8.803, 8.769



94, 8.803, 58.769

Sweetspot

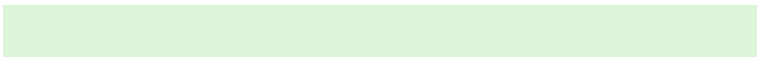
The Sweet Spot groups the original color and five complimentary colors.



94, 8.804, 188.758



99, 2.700, 189.515



94, 15.085, 140.265



53, 2.045, 189.400



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, 8.804, 188.758



98, 10.642, 188.606



92, 7.139, 240.956



50, 4.899, 188.829



68, 44.473, 179.748



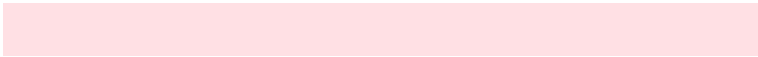
21, 19.414, 181.725

Inverse Universe

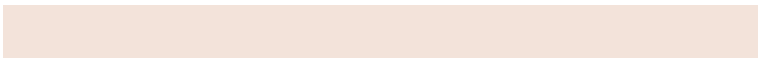
The Inverse Universe completely reimagines the original color for something new.



89, 9.263, 10.360



92, 11.295, 10.539



91, 7.481, 58.811



48, 5.134, 10.277



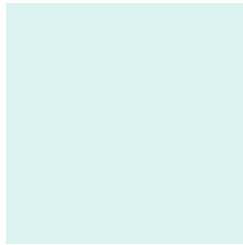
39, 77.340, 34.784



8, 30.338, 20.130

Previews

White Background



This preview shows how the CIELCh color 94, 8.803, 188.769 looks on a white background.

Color Contrast Check

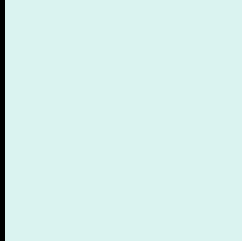
Large Text (above 18pt) WCAG AA × Fail

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, 8.803, 188.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

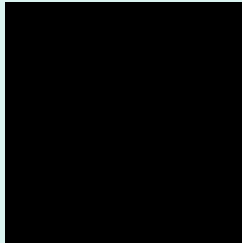
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

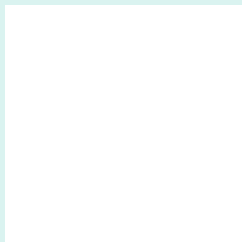
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.803, 188.769

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.803, 188.769.

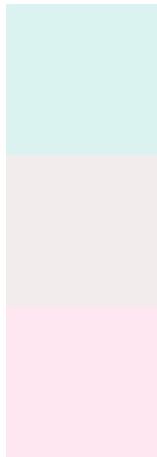


This preview shows how white text looks on a background with the CIELCh color 94, 8.803, 188.769.

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, 8.803, 188.769

Protanopia

94, 2.136, 19.258

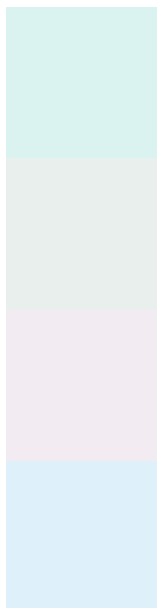
Deuteranopia

94, 10.279, 346.735



Tritanopia
94, 9.145, 257.045

Trichromacy



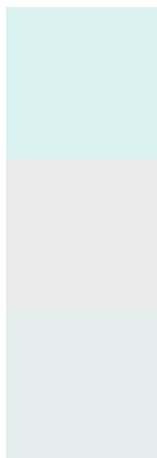
Original Color
94, 8.803, 188.769

Protanomaly
94, 2.359, 173.690

Deuteranomaly
94, 3.987, 328.699

Tritanomaly
94, 7.874, 235.263

Monochromacy



Original Color
94, 8.803, 188.769

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.207, 190.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.803, 188.769 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(218, 243, 240)` looks like.

```
.text, #text, p{  
    color:rgb(218, 243, 240)  
}
```

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(218, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 243, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.803, 188.769 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(218, 243, 240) }
```

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

```
.border{ border-color:rgb(218, 243, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 243, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 243, 240);  
box-shadow:4px 4px 4px 4px rgb(218, 243,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.803, 188.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 243, 240) }
```

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

```
.background{ background-color: rgb(218,  
243, 240) }
```

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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