

Converting Colors

CIELCh(94, 9.717, 198.186)

Have a look what the booklet for
CIELCh(94, 9.717, 198.186) contains.

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Color

CIELCh(94, 9.588, 198.844)

Conversions

Conversions Part 1

Format	Color
Hex	D7F3F3
RGB	215, 243, 243
RGB Percent	84%, 95%, 95%
CMY	0.1557, 0.0458, 0.0458
CMYK	0.12, 0.00, 0.00, 0.05
HSL	180°, 55%, 90%
HSV	180°, 12%, 95%
XYZ	76.4832, 85.2715, 97.4691
YIQ	234.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

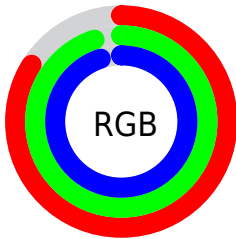
Format	Color
R _Y B	215, 229, 243
Decimal	14152691
CIE Lab	94.00, -9.07, -3.10
CIE LCh	94, 9.588, 198.844
Yxy	85.2715, 0.2950, 0.3289
Android (android.graphics.Color)	4292342771 (0xFFD7F3F3)
YUV	234.6280, 4.1274, -17.2138
Hunter-Lab	92.3426, -13.7560, 2.0583

Details

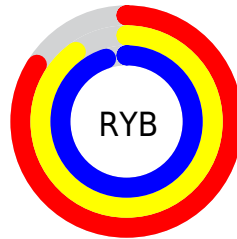
The CIELCh color **94, 9.588, 198.844** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 10.322, 20.092**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.639, 198.693** is the 20% darker color. If you saturate the color by 10%, you get **93, 17.386, 198.301**, and if you desaturate by 10%, it is **96, 1.289, 199.806**.

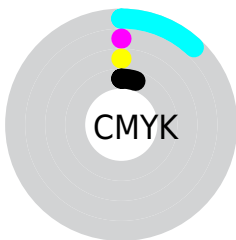
Distribution



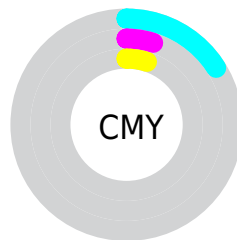
- Red (84%)
- Green (95%)
- Blue (95%)



- Red (84%)
- Yellow (90%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.588, 198.844 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, 9.588, 198.844 by changing the saturation by 10% instead.

94, 9.588, 198.844

94, 9.588, 198.844

100, 9.588,
198.844

84, 9.588, 198.844

74, 9.588, 198.844

64, 9.588, 198.844

54, 9.588, 198.844

44, 9.588, 198.844

34, 9.588, 198.844

24, 9.588, 198.844

14, 9.588, 198.844

4, 9.588, 198.844

94, 9.588, 198.844

94, 9.588, 198.844

93, 17.386,
198.301

96, 1.289, 199.806

91, 24.542,
197.837

97, 4.152, 19.507

90, 30.916,
197.434

97, 4.152, 19.484

89, 36.380,
197.094

97, 4.152, 19.461

89, 40.834,
196.822

97, 4.152, 19.437

88, 44.218,
196.617

97, 4.152, 19.414

88, 46.534,
196.477

97, 4.152, 19.391

87, 47.854,
196.397

97, 4.152, 19.368

97, 4.152, 19.345

■ 87, 48.371,
196.365

Harmonies

Complementary

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



94, 9.588, 198.844



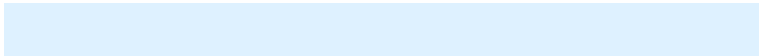
88, 10.322, 20.092

Rectangle

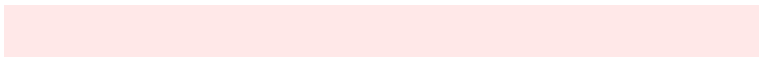
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



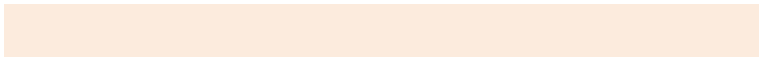
94, 9.588, 198.844



94, 9.588, 248.844



94, 9.588, 18.844



94, 9.588, 68.844

Sweetspot

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



94, 9.589, 198.833



99, 2.650, 199.476



93, 17.553, 143.336



53, 2.005, 199.379



0, 0.000, 0.000



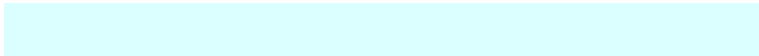
53, 0.007, 296.813

Same Dimension

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



94, 9.589, 198.833



98, 12.029, 198.690



91, 8.502, 255.157



50, 4.783, 198.954



69, 39.564, 196.366



22, 17.591, 196.368

Inverse Universe

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



88, 10.322, 20.092



90, 13.171, 20.300



92, 8.773, 72.154



48, 5.080, 19.929



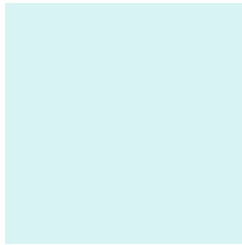
39, 82.544, 39.994



8, 31.024, 25.002

Previews

White Background



This preview shows how the CIELCh color 94, 9.588, 198.844 looks on a white background.

Color Contrast Check

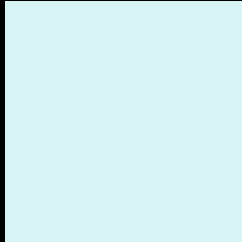
Large Text (above 18pt) WCAG AA × Fail

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, 9.588, 198.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

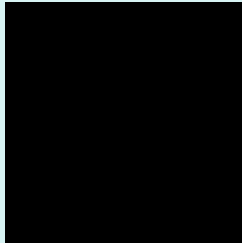
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

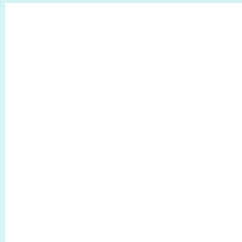
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.588, 198.844

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.588, 198.844.



This preview shows how white text looks on a background with the CIELCh color 94, 9.588, 198.844.

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](#).

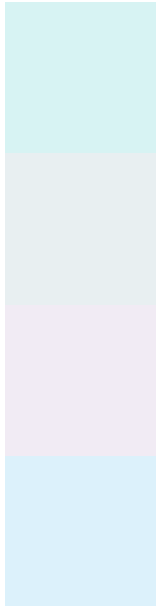
Dichromacy





Tritanopia
94, 9.516, 253.652

Trichromacy



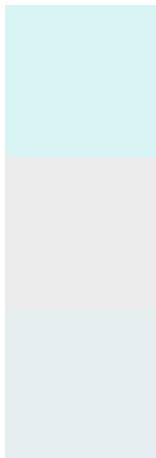
Original Color
94, 9.588, 198.844

Protanomaly
94, 2.642, 222.448

Deuteranomaly
94, 5.126, 314.783

Tritanomaly
94, 8.692, 235.520

Monochromacy



Original Color
94, 9.588, 198.844

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.500, 199.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.588, 198.844 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(215, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 243, 243)  
}
```

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(215, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 243, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.588, 198.844 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(215, 243, 243) }
```

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

```
.border{ border-color:rgb(215, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 243, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 243, 243); box-shadow:4px 4px 4px 4px rgb(215, 243, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.588, 198.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 243, 243) }
```

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

```
.background{ background-color: rgb(215,  
243, 243) }
```

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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