

Converting Colors

CIELCh(94, 8.393, 198.929)

Have a look what the booklet for
CIELCh(94, 8.393, 198.929) contains.

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Color

CIELCh(94, 8.589, 198.917)

Conversions

Conversions Part 1

Format	Color
Hex	DAF3F3
RGB	218, 243, 243
RGB Percent	85%, 95%, 95%
CMY	0.1461, 0.0480, 0.0480
CMYK	0.10, 0.00, 0.00, 0.05
HSL	180°, 51%, 90%
HSV	180°, 10%, 95%
XYZ	76.9524, 85.2715, 96.9961
YIQ	235.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

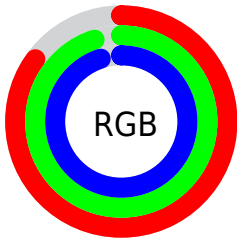
Format	Color
R _Y B	218, 231, 243
Decimal	14349299
CIE Lab	94.00, -8.13, -2.78
CIE LCh	94, 8.589, 198.917
Yxy	85.2715, 0.2969, 0.3290
Android (android.graphics.Color)	4292539379 (0xFFDAF3F3)
YUV	235.5250, 3.6852, -15.3694
Hunter-Lab	92.3426, -12.8491, 2.3620

Details

The CIELCh color `94, 8.589, 198.917` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `89, 9.172, 19.994`, 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, 8.606, 198.781` is the 20% darker color. If you saturate the color by 10%, you get `92, 16.441, 198.362`, and if you desaturate by 10%, it is `96, 0.254, 201.896`.

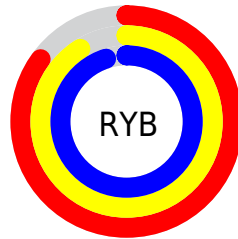
Distribution



Red (85%)

Green (95%)

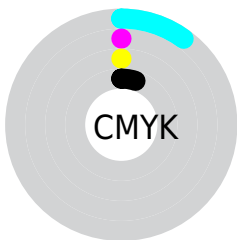
Blue (95%)



Red (85%)

Yellow (91%)

Blue (95%)

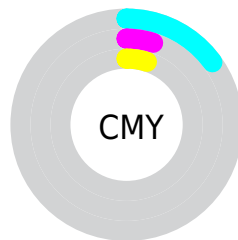


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.589, 198.917 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, 8.589, 198.917 by changing the saturation by 10% instead.

94, 8.589, 198.917

94, 8.589, 198.917

100, 8.589,
198.917

84, 8.589, 198.917

74, 8.589, 198.917

64, 8.589, 198.917

54, 8.589, 198.917

44, 8.589, 198.917

34, 8.589, 198.917

24, 8.589, 198.917

14, 8.589, 198.917

4, 8.589, 198.917

94, 8.589, 198.917

94, 8.589, 198.917

92, 16.441,
198.362

96, 0.254, 201.896

91, 23.668,
197.890

97, 4.357, 19.527

90, 30.133,
197.479

97, 4.357, 19.505

89, 35.703,
197.132

97, 4.357, 19.483

88, 40.276,
196.852

97, 4.357, 19.461

88, 43.785,
196.639

97, 4.357, 19.439

87, 46.225,
196.491

97, 4.357, 19.417

87, 47.658,
196.404

97, 4.357, 19.395

97, 4.357, 19.373

 87, 48.286,
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, 8.589, 198.917



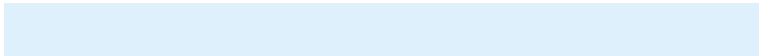
89, 9.172, 19.994

Rectangle

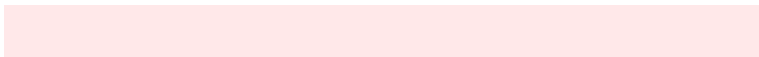
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



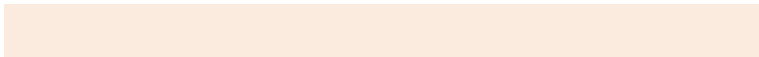
94, 8.589, 198.917



94, 8.589, 248.917



94, 8.589, 18.917



94, 8.589, 68.917

Sweetspot

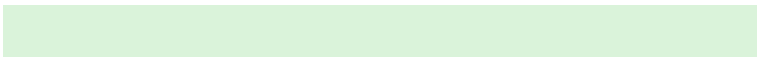
The Sweet Spot groups the original color and five complimentary colors.



94, 8.590, 198.905



99, 2.650, 199.476



93, 15.662, 143.416



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, 8.590, 198.905



98, 10.369, 198.803



91, 7.598, 254.989



50, 4.783, 198.954



69, 39.564, 196.366



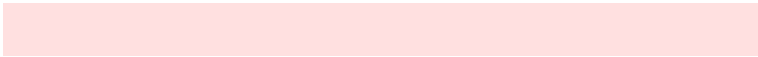
22, 17.591, 196.368

Inverse Universe

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



89, 9.172, 19.994



92, 11.200, 20.134



92, 7.810, 72.296



48, 5.080, 19.929



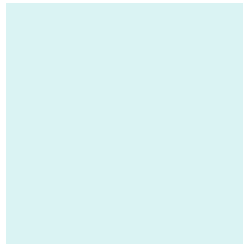
39, 82.544, 39.994



8, 31.024, 25.002

Previews

White Background



This preview shows how the CIELCh color 94, 8.589, 198.917 looks on a white background.

Color Contrast Check

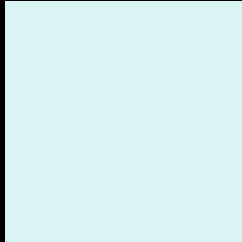
Large Text (above 18pt) WCAG AA × Fail

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, 8.589, 198.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

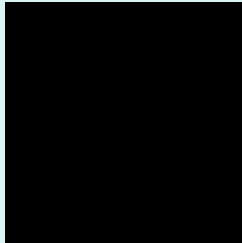
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

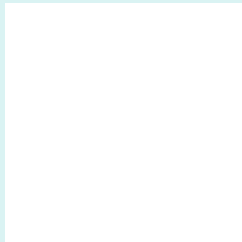
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.589, 198.917

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.589, 198.917.

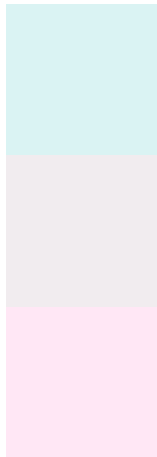


This preview shows how white text looks on a background with the CIELCh color 94, 8.589, 198.917.

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

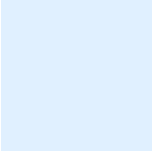
94, 8.589, 198.917

Protanopia

94, 2.370, 338.607

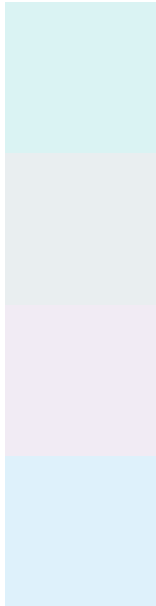
Deuteranopia

94, 11.186, 340.111



Tritanopia
94, 9.327, 255.313

Trichromacy



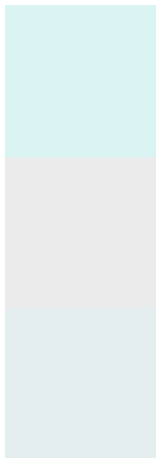
Original Color
94, 8.589, 198.917

Protanomaly
94, 2.023, 230.263

Deuteranomaly
94, 5.126, 314.783

Tritanomaly
94, 8.168, 238.307

Monochromacy



Original Color
94, 8.589, 198.917

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.153, 199.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.589, 198.917 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 243, 243) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 94, 8.589, 198.917 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, 243) }
```

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

```
.border{ border-color:rgb(218, 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(218, 243, 243)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 94, 8.589, 198.917 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, 243) }
```

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

```
.background{ background-color: rgb(218,  
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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