

Converting Colors

CIELCh(100, 34.208, 284.345)

Have a look what the booklet for
CIELCh(100, 34.208, 284.345)
contains.

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Color

CIElCh(98, 5.898, 209.131)

Conversions

Conversions Part 1

Format	Color
Hex	ECFDFE
RGB	236, 253, 255
RGB Percent	93%, 99%, 100%
CMY	0.0762, 0.0096, 0.0018
CMYK	0.07, 0.01, 0.00, 0.00
HSL	186°, 96%, 96%
HSV	186°, 7%, 100%
XYZ	87.4071, 94.9163, 107.9432
YIQ	248.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

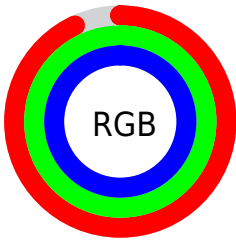
Format	Color
R _Y B	236, 245, 255
Decimal	15531519
CIE Lab	98.00, -5.15, -2.87
CIE LCh	98, 5.898, 209.131
Yxy	94.9163, 0.3011, 0.3270
Android (android.graphics.Color)	4293721599 (0xFFECCDFF)
YUV	248.1450, 3.3795, -10.6512
Hunter-Lab	97.4250, -10.3483, 2.5064

Details

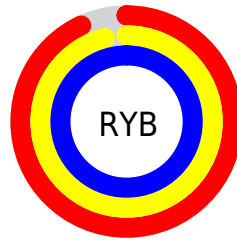
The CIELCh color **98, 5.898, 209.131** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.191, 29.185**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.809, 209.714** is the 20% darker color. If you saturate the color by 10%, you get **96, 13.416, 208.965**, and if you desaturate by 10%, it is **100, 0.215, 109.803**.

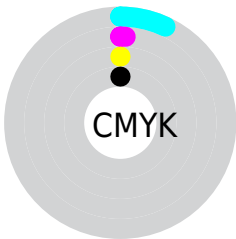
Distribution



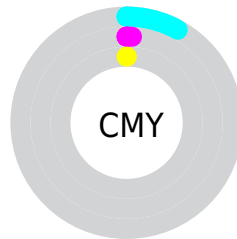
- Red (93%)
- Green (99%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 5.898, 209.131 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 98, 5.898, 209.131 by changing the saturation by 10% instead.

 98, 5.898, 209.131

 98, 5.898, 209.131

 100, 5.898,
209.131

 88, 5.898, 209.131

 78, 5.898, 209.131

 68, 5.898, 209.131

 58, 5.898, 209.131

 48, 5.898, 209.131

 38, 5.898, 209.131

 28, 5.898, 209.131

 18, 5.898, 209.131

 8, 5.898, 209.131

98, 5.898, 209.131

98, 5.898, 209.131

96, 13.416,
208.965

100, 0.215,
109.803

93, 20.375,
208.977

92, 26.643,
209.138

90, 32.089,
209.475

88, 36.592,
210.022

87, 40.063,
210.822

85, 42.466,
211.919

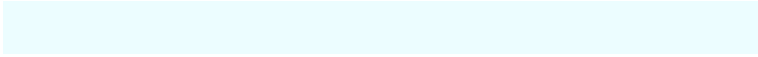
84, 43.833,
213.352

■ 83, 44.299,
215.147

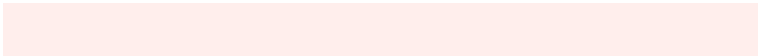
Harmonies

Complementary

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



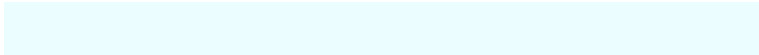
98, 5.898, 209.131



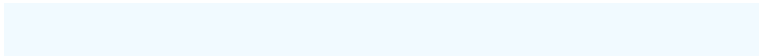
95, 6.191, 29.185

Rectangle

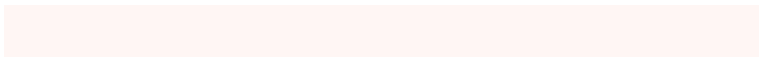
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



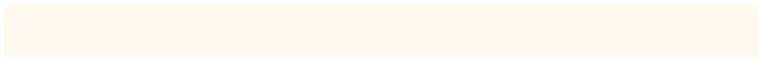
98, 5.898, 209.131



98, 5.898, 259.131



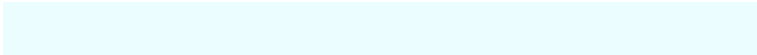
98, 5.898, 29.131



98, 5.898, 79.131

Sweetspot

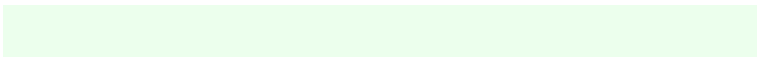
The Sweet Spot groups the original color and five complimentary colors.



98, 5.899, 209.110



99, 1.605, 209.495



98, 11.044, 146.849



53, 0.913, 209.518



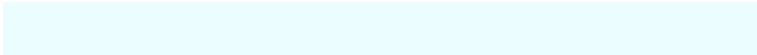
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

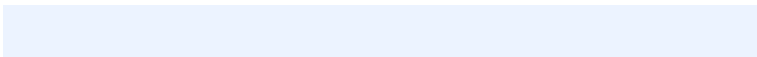
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 5.899, 209.110



98, 7.097, 209.072



96, 6.358, 266.464



52, 4.477, 209.061



64, 35.811, 215.266



21, 16.635, 212.726

Inverse Universe

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



95, 11.030, 327.830



94, 13.336, 327.926



98, 6.391, 84.416



50, 8.427, 327.957



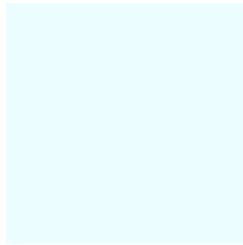
44, 85.704, 332.924



12, 39.820, 332.302

Previews

White Background



This preview shows how the CIE LCh color 98, 5.898, 209.131 looks on a white background.

Color Contrast Check

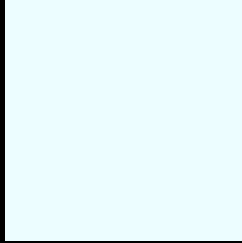
Large Text (above 18pt) WCAG AA × Fail

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 98, 5.898, 209.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

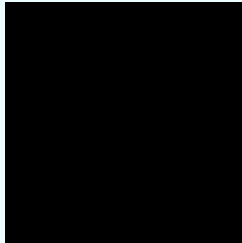
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 5.898, 209.131

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.898, 209.131.

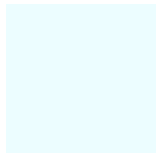


This preview shows how white text looks on a background with the CIELCh color 98, 5.898, 209.131.

Color Blindness Simulation

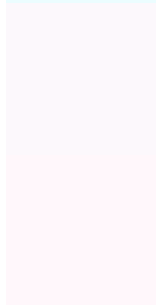
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 5.898, 209.131



Protanopia

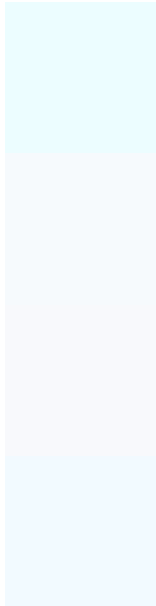
98, 2.498, 324.407

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.225, 271.658

Trichromacy



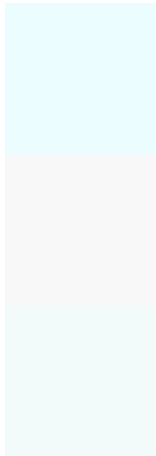
Original Color
98, 5.898, 209.131

Protanomaly
98, 2.056, 247.866

Deuteranomaly
98, 1.574, 277.558

Tritanomaly
98, 3.729, 242.696

Monochromacy



Original Color
98, 5.898, 209.131

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.435, 199.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.898, 209.131 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(236, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 253, 255)  
}
```

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(236, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 253, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.898, 209.131 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(236, 253, 255) }
```

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

```
.border{ border-color:rgb(236, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 253,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.898, 209.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 253, 255) }
```

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

```
.background{ background-color: rgb(236,  
253, 255) }
```

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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