

Converting Colors

CIELCh(100, 27.773, 283.353)

Have a look what the booklet for
CIELCh(100, 27.773, 283.353)
contains.

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Color

CIELCh(98, 4.572, 212.174)

Conversions

Conversions Part 1

Format	Color
Hex	EFFCFE
RGB	239, 252, 254
RGB Percent	94%, 99%, 100%
CMY	0.0637, 0.0127, 0.0049
CMYK	0.06, 0.01, 0.00, 0.00
HSL	188°, 86%, 97%
HSV	188°, 6%, 100%
XYZ	88.1003, 94.9163, 107.2357
YIQ	248.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

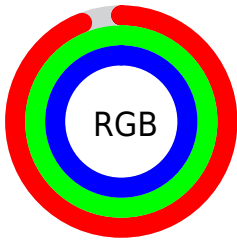
Format	Color
R _Y B	239, 246, 254
Decimal	15727870
CIE Lab	98.00, -3.87, -2.43
CIE LCh	98, 4.572, 212.174
Yxy	94.9163, 0.3035, 0.3270
Android (android.graphics.Color)	4293917950 (0xFFEFFCFE)
YUV	248.3410, 2.7899, -8.1921
Hunter-Lab	97.4250, -9.0782, 2.9369

Details

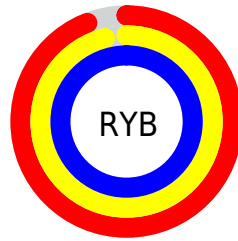
The CIELCh color **98, 4.572, 212.174** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 4.748, 31.951**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 4.435, 213.200** is the 20% darker color. If you saturate the color by 10%, you get **95, 11.980, 212.094**, and if you desaturate by 10%, it is **100, 0.620, 110.007**.

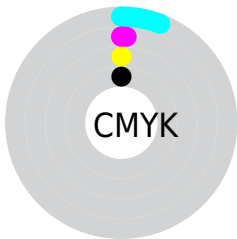
Distribution



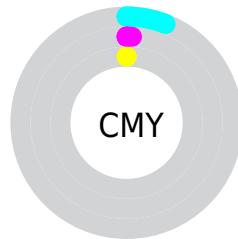
- Red (94%)
- Green (99%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.572, 212.174 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, 4.572, 212.174 by changing the saturation by 10% instead.

 98, 4.572, 212.174

 98, 4.572, 212.174

 100, 4.572,
212.174

 88, 4.572, 212.174

 78, 4.572, 212.174

 68, 4.572, 212.174

 58, 4.572, 212.174

 48, 4.572, 212.174

 38, 4.572, 212.174

 28, 4.572, 212.174

 18, 4.572, 212.174

 8, 4.572, 212.174

98, 4.572, 212.174

98, 4.572, 212.174

95, 11.980,
212.094

100, 0.620,
110.007

93, 18.867,
212.238

91, 25.107,
212.555

89, 30.572,
213.077

87, 35.143,
213.850

85, 38.726,
214.927

84, 41.278,
216.365

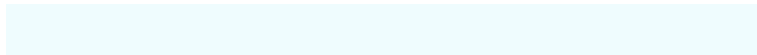
82, 42.821,
218.224

■ 81, 43.473,
220.544

Harmonies

Complementary

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



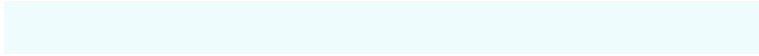
98, 4.572, 212.174



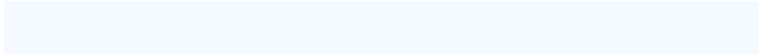
96, 4.748, 31.951

Rectangle

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



98, 4.572, 212.174



98, 4.572, 262.174



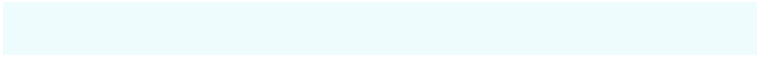
98, 4.572, 32.174



98, 4.572, 82.174

Sweetspot

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



98, 4.573, 212.145



99, 1.570, 212.438



98, 8.607, 147.465



53, 0.893, 212.460



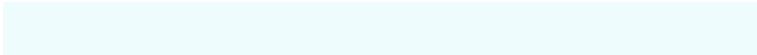
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

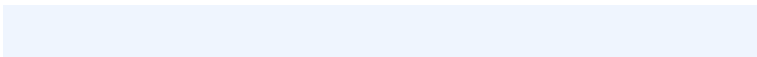
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 4.573, 212.145



98, 5.426, 212.122



96, 5.104, 267.753



52, 3.520, 212.112



62, 35.268, 221.106



21, 16.349, 217.740

Inverse Universe

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



96, 8.532, 328.608



96, 10.158, 328.680



98, 5.111, 86.106



51, 6.603, 328.719



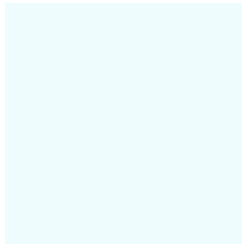
44, 83.850, 334.368



12, 39.059, 333.533

Previews

White Background



This preview shows how the CIE LCh color 98, 4.572, 212.174 looks on a white background.

Color Contrast Check

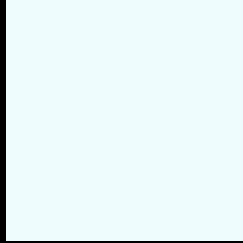
Large Text (above 18pt) WCAG AA × Fail

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, 4.572, 212.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

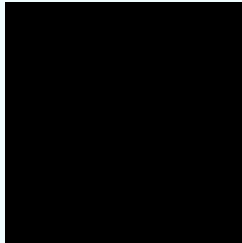
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 4.572, 212.174

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.572, 212.174.

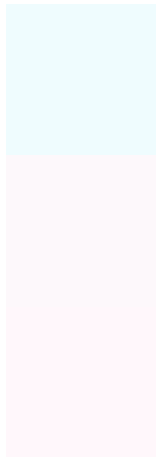


This preview shows how white text looks on a background with the CIELCh color 98, 4.572, 212.174.

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, 4.575, 212.173

Protanopia

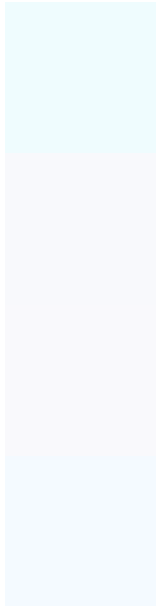
98, 2.348, 338.592

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.137, 277.676

Trichromacy



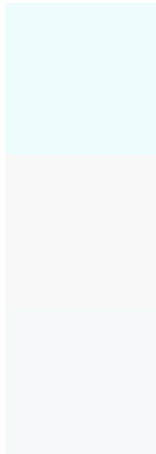
Original Color
98, 4.575, 212.173

Protanomaly
98, 1.574, 277.558

Deuteranomaly
98, 1.540, 290.343

Tritanomaly
98, 3.265, 251.001

Monochromacy



Original Color
98, 4.575, 212.173

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.480, 219.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.572, 212.174 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(239, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 252, 254)  
}
```

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(239, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 252, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.572, 212.174 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(239, 252, 254) }
```

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

```
.border{ border-color:rgb(239, 252, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 252,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.572, 212.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 252, 254) }
```

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

```
.background{ background-color: rgb(239,  
252, 254) }
```

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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