

Converting Colors

CIELCh(98, 4.619, 198.961)

Have a look what the booklet for
CIELCh(98, 4.619, 198.961) contains.

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Color

CIELCh(98, 4.492, 199.264)

Conversions

Conversions Part 1

Format	Color
Hex	EFFCFC
RGB	239, 252, 252
RGB Percent	94%, 99%, 99%
CMY	0.0631, 0.0121, 0.0121
CMYK	0.05, 0.00, 0.00, 0.01
HSL	180°, 68%, 96%
HSV	180°, 5%, 99%
XYZ	87.8995, 94.9163, 105.7031
YIQ	248.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

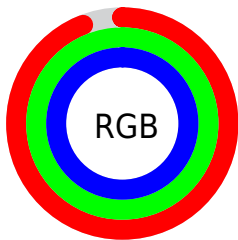
Format	Color
R _Y B	239, 246, 252
Decimal	15727868
CIE Lab	98.00, -4.24, -1.48
CIE LCh	98, 4.492, 199.264
Yxy	94.9163, 0.3047, 0.3290
Android (android.graphics.Color)	4293917948 (0xFFE ⁶ FCFC)
YUV	248.1130, 1.9163, -7.9921
Hunter-Lab	97.4250, -9.4460, 3.8697

Details

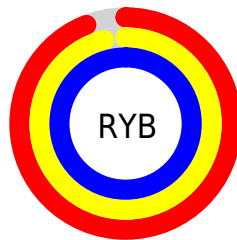
The CIELCh color **98, 4.492, 199.264** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 4.642, 19.557**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 4.342, 199.193** is the 20% darker color. If you saturate the color by 10%, you get **96, 12.857, 198.613**, and if you desaturate by 10%, it is **99, 1.085, 18.771**.

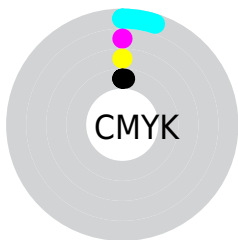
Distribution



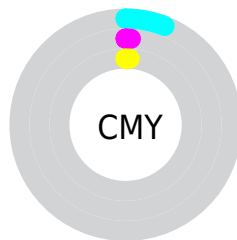
- Red (94%)
- Green (99%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.492, 199.264 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, 4.492, 199.264 by changing the saturation by 10% instead.

 98, 4.492, 199.264

 98, 4.492, 199.264

 100, 4.492,
199.264

 88, 4.492, 199.264

 78, 4.492, 199.264

 68, 4.492, 199.264

 58, 4.492, 199.264

 48, 4.492, 199.264

 38, 4.492, 199.264

 28, 4.492, 199.264

 18, 4.492, 199.264

 8, 4.492, 199.264

98, 4.492, 199.264

98, 4.492, 199.264

96, 12.857,
198.613

99, 1.085, 18.771

95, 20.651,
198.107

99, 1.085, 18.565

94, 27.729,
197.663

99, 1.085, 18.359

93, 33.951,
197.282

99, 1.085, 17.947

92, 39.193,
196.966

99, 1.086, 17.741


91, 43.365,
196.717

99, 1.086, 17.329

91, 46.428,
196.535

99, 1.086, 17.124

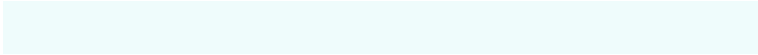
90, 48.408,
196.417

 90, 49.414,
196.355

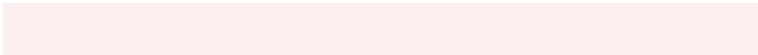
Harmonies

Complementary

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



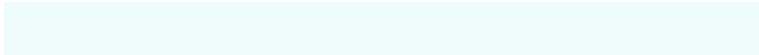
98, 4.492, 199.264



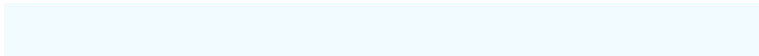
95, 4.642, 19.557

Rectangle

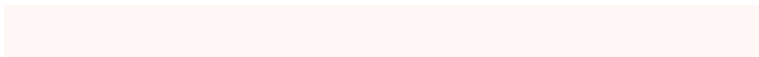
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 4.492, 199.264



98, 4.492, 249.264



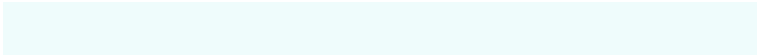
98, 4.492, 19.264



98, 4.492, 69.264

Sweetspot

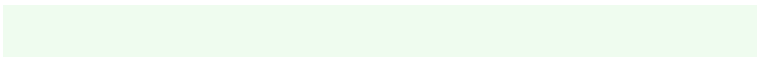
The Sweet Spot groups the original color and five complimentary colors.



98, 4.493, 199.238



100, 1.770, 199.642



98, 8.057, 143.747



53, 1.006, 199.667



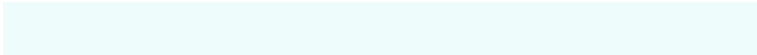
0, 0.000, 0.000



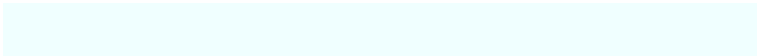
53, 0.007, 296.813

Same Dimension

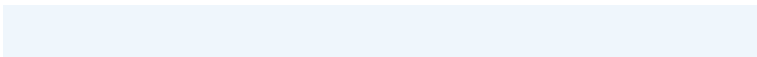
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 4.493, 199.238



99, 5.264, 199.172



96, 3.940, 254.349



52, 3.429, 199.125



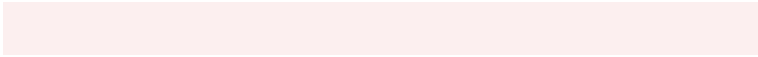
69, 39.972, 196.339



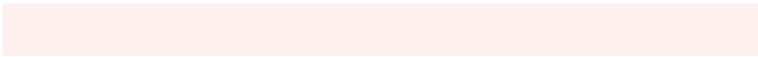
23, 18.085, 196.345

Inverse Universe

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



95, 4.642, 19.557



96, 5.468, 19.632



97, 3.981, 72.859



50, 3.576, 19.686



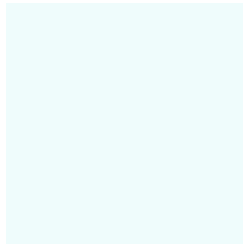
39, 83.377, 39.988



9, 32.193, 26.127

Previews

White Background



This preview shows how the CIELCh color 98, 4.492, 199.264 looks on a white background.

Color Contrast Check

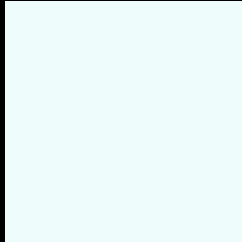
Large Text (above 18pt) WCAG AA × Fail

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, 4.492, 199.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

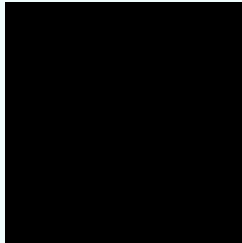
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 4.492, 199.264

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.492, 199.264.

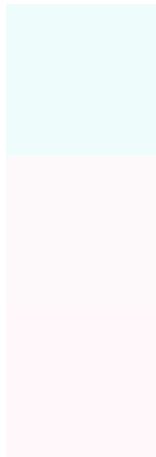


This preview shows how white text looks on a background with the CIELCh color 98, 4.492, 199.264.

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, 4.492, 199.264

Protanopia

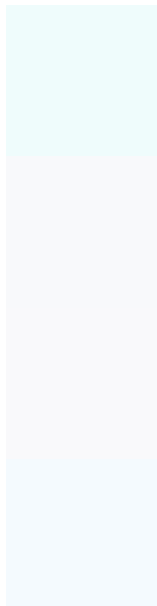
98, 2.047, 349.333

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.137, 277.676

Trichromacy



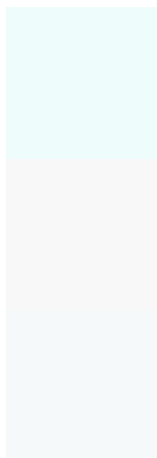
Original Color
98, 4.492, 199.264

Protanomaly
98, 1.083, 271.535

Deuteranomaly
98, 1.031, 290.329

Tritanomaly
98, 2.892, 244.496

Monochromacy



Original Color
98, 4.492, 199.264

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.395, 199.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.492, 199.264 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, 252)` looks like.

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

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, 252) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 98, 4.492, 199.264 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, 252) }
```

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

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

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, 252)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 98, 4.492, 199.264 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, 252) }
```

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

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

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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