

Converting Colors

CIELCh(98, 7.437, 203.810)

Have a look what the booklet for
CIELCh(98, 7.437, 203.810) contains.

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Color

CIELCh(98, 7.520, 202.919)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8FEFF |
| RGB | 232, 254, 255 |
| RGB Percent | 91%, 100%, 100% |
| CMY | 0.0917, 0.0055, 0.0016 |
| CMYK | 0.09, 0.00, 0.00, 0.00 |
| HSL | 183°, 97%, 95% |
| HSV | 183°, 9%, 100% |
| XYZ | 86.4536, 94.9163, 108.0363 |
| YIQ | 247.5360, -13.4330, -4.3530 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 232, 243, 255 |
| Decimal | 15269631 |
| CIE Lab | 98.00, -6.93, -2.93 |
| CIE LCh | 98, 7.520, 202.919 |
| Yxy | 94.9163, 0.2987, 0.3280 |
| Android (android.graphics.Color) | 4293459711 (0xFFE8FEFF) |
| YUV | 247.5360, 3.6798, -13.6251 |
| Hunter-Lab | 97.4250, -12.0952, 2.4497 |

Details

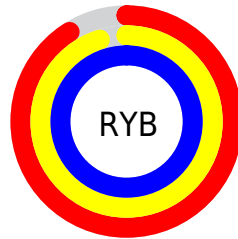
The CIELCh color **98, 7.520, 202.919** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 7.973, 23.536**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.491, 203.021** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.393, 202.513**, and if you desaturate by 10%, it is **100, 0.110, 42.167**.

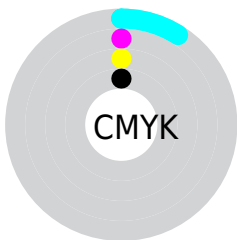
Distribution



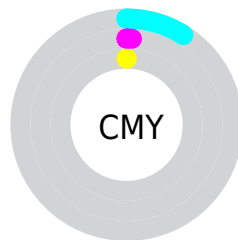
- Red (91%)
- Green (100%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.520, 202.919 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, 7.520, 202.919 by changing the saturation by 10% instead.

 98, 7.520, 202.919

 98, 7.520, 202.919

 100, 7.520,
202.919

 88, 7.520, 202.919

 78, 7.520, 202.919

 68, 7.520, 202.919

 58, 7.520, 202.919

 48, 7.520, 202.919

 38, 7.520, 202.919

 28, 7.520, 202.919

 18, 7.520, 202.919

 8, 7.520, 202.919

98, 7.520, 202.919

98, 7.520, 202.919

96, 15.393,
202.513

100, 0.110, 42.167

94, 22.652,
202.227

100, 0.189,
109.756

93, 29.159,
202.034

92, 34.775,
201.949

90, 39.384,
201.984

90, 42.908,
202.155

89, 45.322,
202.476

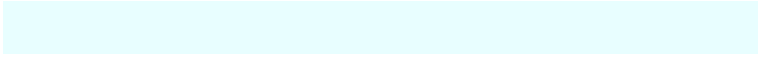
88, 46.674,
202.956

■ 88, 47.140,
203.587

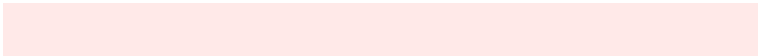
Harmonies

Complementary

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



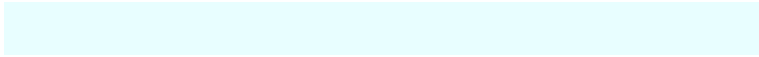
98, 7.520, 202.919



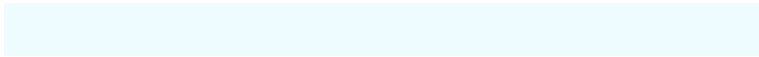
94, 7.973, 23.536

Rectangle

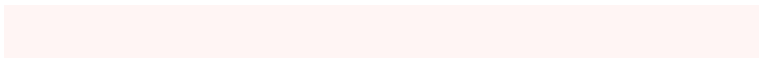
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 7.520, 202.919



98, 7.520, 252.919



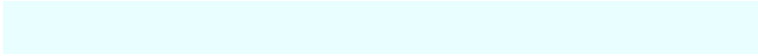
98, 7.520, 22.919



98, 7.520, 72.919

Sweetspot

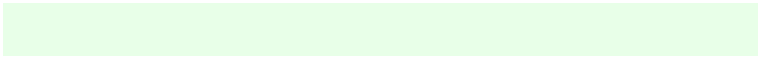
The Sweet Spot groups the original color and five complimentary colors.



98, 7.521, 202.903



99, 2.539, 203.314



98, 14.019, 144.824



53, 1.921, 203.227



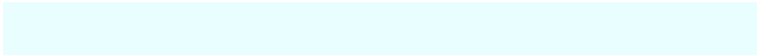
0, 0.000, 0.000



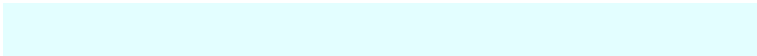
53, 0.007, 296.813

Same Dimension

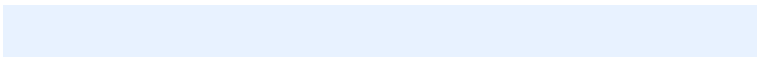
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.521, 202.903



98, 9.124, 202.815



95, 7.222, 260.203



52, 4.735, 202.881



68, 38.069, 203.520



23, 17.628, 202.613

Inverse Universe

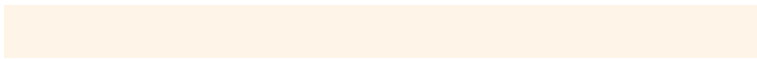
The Inverse Universe completely reimagines the original color for something new.



94, 13.947, 326.106



93, 17.029, 326.222



97, 7.341, 77.750



50, 8.794, 326.134



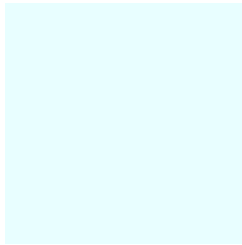
45, 89.968, 330.037



12, 41.560, 329.811

Previews

White Background



This preview shows how the CIELCh color 98, 7.520, 202.919 looks on a white background.

Color Contrast Check

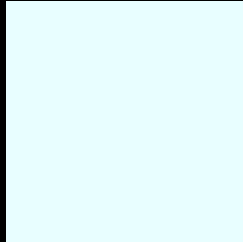
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 7.520, 202.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

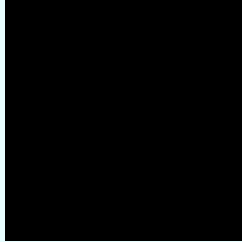
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 7.520, 202.919

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.520, 202.919.

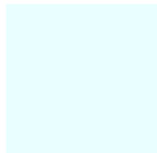


This preview shows how white text looks on a background with the CIELCh color 98, 7.520, 202.919.

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, 7.520, 202.919



Protanopia

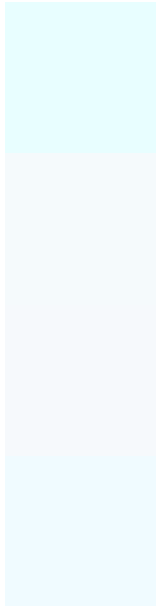
98, 2.348, 338.592

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.064, 256.053

Trichromacy



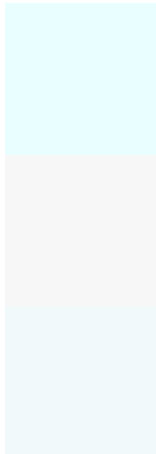
Original Color
98, 7.520, 202.919

Protanomaly
98, 2.005, 230.268

Deuteranomaly
98, 1.847, 255.949

Tritanomaly
98, 4.270, 227.932

Monochromacy



Original Color
98, 7.520, 202.919

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.818, 209.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.520, 202.919 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(232, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 254, 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(232, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 254, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.520, 202.919 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(232, 254, 255) }
```

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

```
.border{ border-color:rgb(232, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 254,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.520, 202.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 254, 255) }
```

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

```
.background{ background-color: rgb(232,  
254, 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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