

Converting Colors

CIE LCh(98, 6.507, 200.569)

Have a look what the booklet for
CIELCh(98, 6.507, 200.569) contains.

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Color

CIELCh(98, 6.523, 199.091)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EAFDFD |
| RGB | 234, 253, 253 |
| RGB Percent | 92%, 99%, 99% |
| CMY | 0.0820, 0.0075, 0.0075 |
| CMYK | 0.08, 0.00, 0.00, 0.01 |
| HSL | 180°, 83%, 96% |
| HSV | 180°, 8%, 99% |
| XYZ | 86.8623, 94.9163, 106.7497 |
| YIQ | 247.3190, -11.3240, -4.0280 |

Conversions

Conversions Part 2

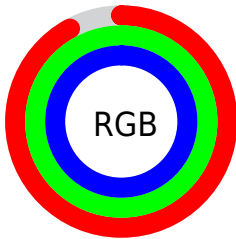
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 234, 244, 253 |
| Decimal | 15400445 |
| CIE _{Lab} | 98.00, -6.16, -2.13 |
| CIE _{LCh} | 98, 6.523, 199.091 |
| Yxy | 94.9163, 0.3011, 0.3290 |
| Android (android.graphics.Color) | 4293590525 (0xFFEAFDFD) |
| YUV | 247.3190, 2.8007, -11.6808 |
| Hunter-Lab | 97.4250, -11.3464, 3.2327 |

Details

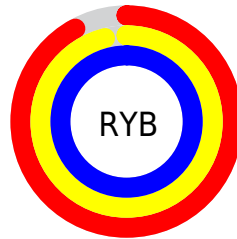
The CIELCh color **98, 6.523, 199.091** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.842, 19.766**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 6.459, 198.991** is the 20% darker color. If you saturate the color by 10%, you get **96, 14.798, 198.496**, and if you desaturate by 10%, it is **99, 0.666, 18.404**.

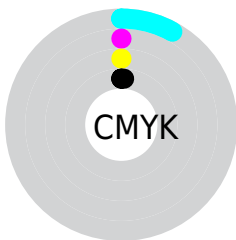
Distribution



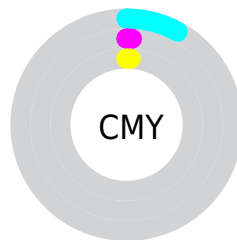
- Red (92%)
- Green (99%)
- Blue (99%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.523, 199.091 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, 6.523, 199.091 by changing the saturation by 10% instead.

 98, 6.523, 199.091

 98, 6.523, 199.091

 100, 6.523,
199.091

 88, 6.523, 199.091

 78, 6.523, 199.091

 68, 6.523, 199.091

 58, 6.523, 199.091

 48, 6.523, 199.091

 38, 6.523, 199.091

 28, 6.523, 199.091

 18, 6.523, 199.091

 8, 6.523, 199.091

98, 6.523, 199.091

98, 6.523, 199.091

96, 14.798,
198.496

99, 0.666, 18.404

99, 0.667, 18.179

95, 22.466,
198.006

99, 0.667, 17.955

94, 29.381,
197.578

99, 0.667, 17.730

99, 0.667, 17.506

93, 35.405,
197.212

99, 0.667, 17.282

92, 40.420,
196.912

99, 0.667, 17.058


91, 44.345,
196.680

99, 0.667, 16.834

99, 0.667, 16.610

91, 47.157,
196.515

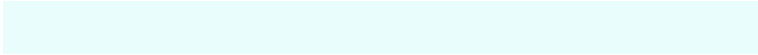
91, 48.900,
196.412

 91, 49.711,
196.363

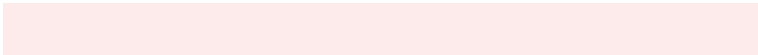
Harmonies

Complementary

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



98, 6.523, 199.091



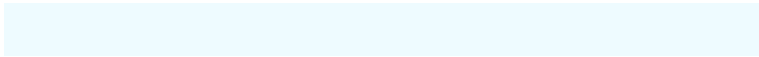
94, 6.842, 19.766

Rectangle

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



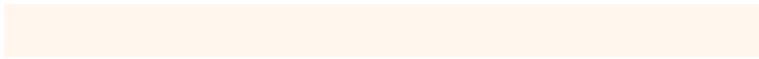
98, 6.523, 199.091



98, 6.523, 249.091



98, 6.523, 19.091



98, 6.523, 69.091

Sweetspot

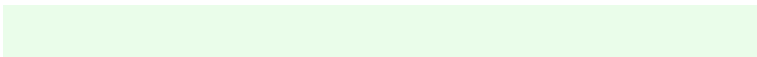
The Sweet Spot groups the original color and five complimentary colors.



98, 6.524, 199.074



100, 1.770, 199.650



98, 11.788, 143.595



53, 1.006, 199.675



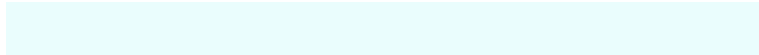
0, 0.000, 0.000



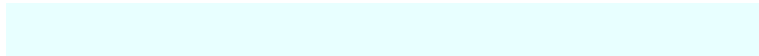
53, 0.007, 296.813

Same Dimension

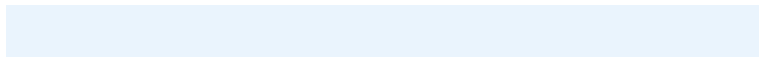
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 6.524, 199.074



98, 7.839, 198.977



96, 5.742, 254.625



52, 4.945, 198.945



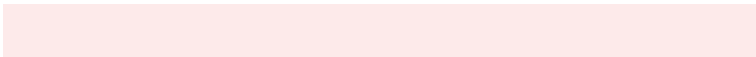
70, 40.371, 196.355



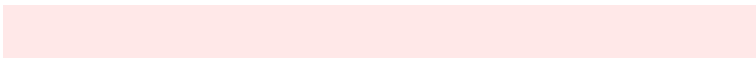
24, 18.572, 196.359

Inverse Universe

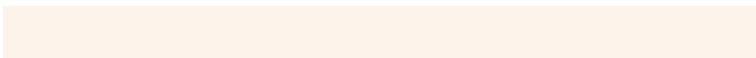
The Inverse Universe completely reimagines the original color for something new.



94, 6.842, 19.766



94, 8.300, 19.886



96, 5.849, 72.611



49, 5.254, 19.927



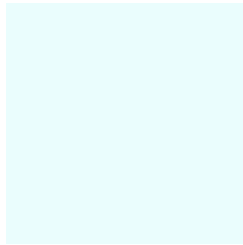
40, 84.220, 39.992



10, 33.366, 27.168

Previews

White Background



This preview shows how the CIELCh color 98, 6.523, 199.091 looks on a white background.

Color Contrast Check

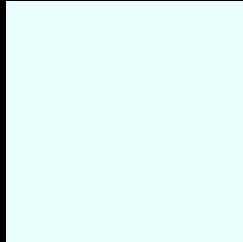
Large Text (above 18pt) WCAG AA × Fail

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, 6.523, 199.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

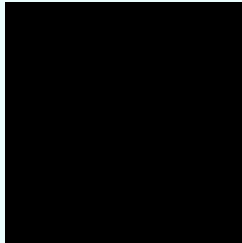
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

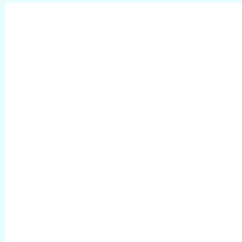
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 6.523, 199.091

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.523, 199.091.

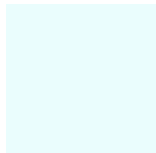


This preview shows how white text looks on a background with the CIELCh color 98, 6.523, 199.091.

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, 6.523, 199.091



Protanopia

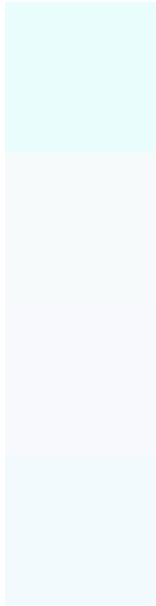
98, 2.047, 349.333

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.225, 271.658

Trichromacy



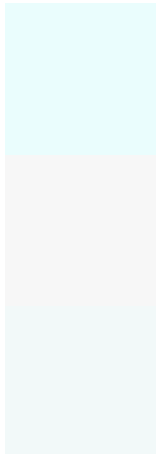
Original Color
98, 6.523, 199.091

Protanomaly
98, 1.479, 219.958

Deuteranomaly
98, 1.681, 265.875

Tritanomaly
98, 3.411, 236.268

Monochromacy



Original Color
98, 6.523, 199.091

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.437, 199.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.523, 199.091 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(234, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(234, 253, 253)  
}
```

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(234, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 253, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.523, 199.091 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(234, 253, 253) }
```

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

```
.border{ border-color:rgb(234, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(234, 253,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.523, 199.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 253, 253) }
```

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

```
.background{ background-color: rgb(234,  
253, 253) }
```

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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