

Converting Colors

CIELCh(98, 7.063, 199.051)

Have a look what the booklet for
CIELCh(98, 7.063, 199.051) contains.

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Color

CIELCh(98, 6.860, 199.065)

Conversions

Conversions Part 1

Format	Color
Hex	E9FDFD
RGB	233, 253, 253
RGB Percent	91%, 99%, 99%
CMY	0.0851, 0.0067, 0.0067
CMYK	0.08, 0.00, 0.00, 0.01
HSL	180°, 85%, 95%
HSV	180°, 8%, 99%
XYZ	86.6908, 94.9163, 106.9227
YIQ	247.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

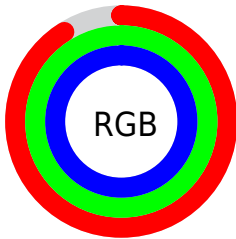
Format	Color
R _Y B	233, 243, 253
Decimal	15334909
CIE Lab	98.00, -6.48, -2.24
CIE LCh	98, 6.860, 199.065
Yxy	94.9163, 0.3005, 0.3290
Android (android.graphics.Color)	4293524989 (0xFFE9FDFD)
YUV	247.0200, 2.9481, -12.2955
Hunter-Lab	97.4250, -11.6606, 3.1274

Details

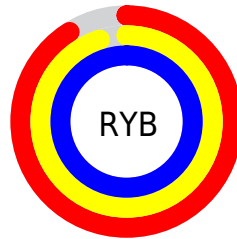
The CIELCh color **98, 6.860, 199.065** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 7.213, 19.798**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 6.809, 198.960** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.119, 198.477**, and if you desaturate by 10%, it is **100, 0.598, 18.291**.

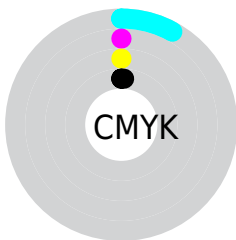
Distribution



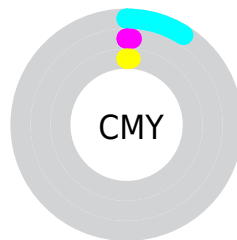
- Red (91%)
- Green (99%)
- Blue (99%)



- Red (91%)
- Yellow (95%)
- Blue (99%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.860, 199.065 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, 6.860, 199.065 by changing the saturation by 10% instead.

 98, 6.860, 199.065

 98, 6.860, 199.065

 100, 6.860,
199.065

 88, 6.860, 199.065

 78, 6.860, 199.065

 68, 6.860, 199.065

 58, 6.860, 199.065

 48, 6.860, 199.065

 38, 6.860, 199.065

 28, 6.860, 199.065

 18, 6.860, 199.065

 8, 6.860, 199.065

98, 6.860, 199.065

98, 6.860, 199.065

96, 15.119,
198.477

100, 0.598, 18.291

100, 0.598, 18.054

95, 22.765,
197.989

100, 0.598, 17.817

94, 29.652,
197.563

100, 0.598, 17.580

93, 35.642,
197.200

100, 0.598, 17.343

100, 0.598, 17.107

92, 40.618,
196.903

100, 0.598, 16.870


91, 44.502,
196.674

100, 0.598, 16.634

100, 0.599, 16.397

91, 47.273,
196.511

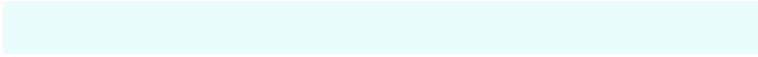
91, 48.976,
196.411

 91, 49.760,
196.363

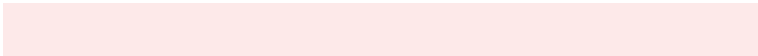
Harmonies

Complementary

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



98, 6.860, 199.065



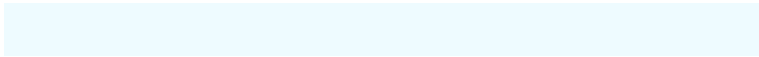
94, 7.213, 19.798

Rectangle

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



98, 6.860, 199.065



98, 6.860, 249.065



98, 6.860, 19.065



98, 6.860, 69.065

Sweetspot

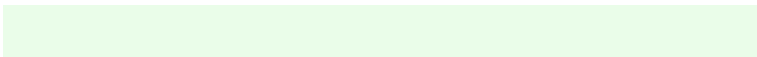
The Sweet Spot groups the original color and five complimentary colors.



98, 6.861, 199.048



100, 1.770, 199.651



98, 12.413, 143.570



53, 1.006, 199.676



0, 0.000, 0.000



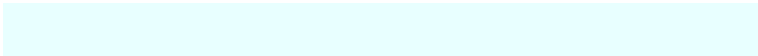
53, 0.007, 296.813

Same Dimension

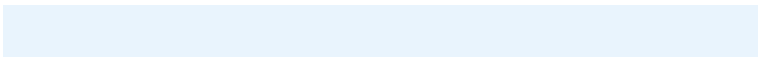
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 6.861, 199.048



98, 7.839, 198.978



96, 6.042, 254.675



52, 4.945, 198.946



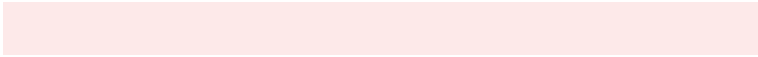
70, 40.370, 196.357



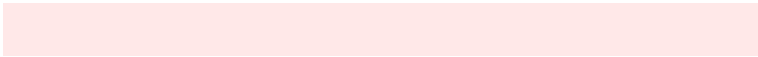
24, 18.572, 196.360

Inverse Universe

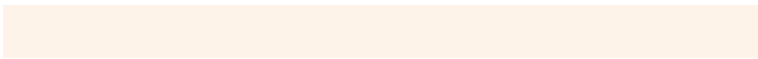
The Inverse Universe completely reimagines the original color for something new.



94, 7.213, 19.798



94, 8.300, 19.887



96, 6.163, 72.568



49, 5.254, 19.928



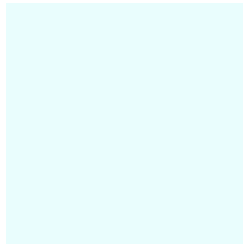
40, 84.221, 39.992



10, 33.366, 27.169

Previews

White Background



This preview shows how the CIELCh color 98, 6.860, 199.065 looks on a white background.

Color Contrast Check

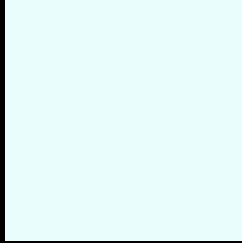
Large Text (above 18pt) WCAG AA × Fail

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, 6.860, 199.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

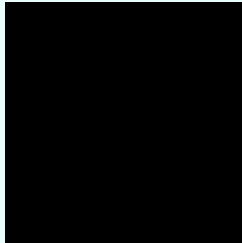
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 6.860, 199.065

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.860, 199.065.

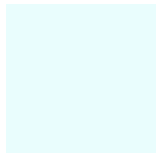


This preview shows how white text looks on a background with the CIELCh color 98, 6.860, 199.065.

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, 6.860, 199.065



Protanopia

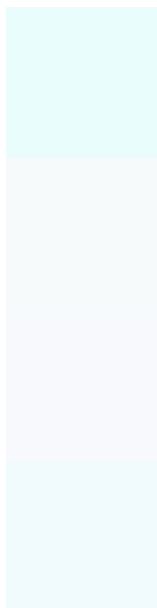
98, 2.047, 349.333

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.225, 271.658

Trichromacy



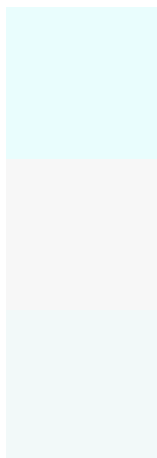
Original Color
98, 6.860, 199.065

Protanomaly
98, 1.479, 219.958

Deuteranomaly
98, 1.681, 265.875

Tritanomaly
98, 3.752, 223.478

Monochromacy



Original Color
98, 6.860, 199.065

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, 6.860, 199.065 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(233, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 253, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.860, 199.065 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(233, 253, 253) }
```

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

```
.border{ border-color:rgb(233, 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(233, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(233, 253,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.860, 199.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 253, 253) }
```

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

```
.background{ background-color: rgb(233,  
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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