

Converting Colors

CIELCh(100, 42.520, 286.492)

Have a look what the booklet for
CIELCh(100, 42.520, 286.492)
contains.

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Color

CIELCh(98, 6.127, 218.677)

Conversions

Conversions Part 1

Format	Color
Hex	EBFCFF
RGB	235, 252, 255
RGB Percent	92%, 99%, 100%
CMY	0.0769, 0.0101, 0.0000
CMYK	0.08, 0.01, 0.00, 0.00
HSL	188°, 100%, 96%
HSV	188°, 8%, 100%
XYZ	87.6061, 94.9163, 109.5059
YIQ	247.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

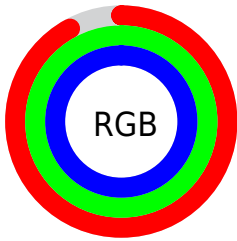
Format	Color
R _Y B	235, 244, 255
Decimal	15465727
CIE _{Lab}	98.00, -4.78, -3.83
CIE _{LCh}	98, 6.127, 218.677
Y _{xy}	94.9163, 0.3000, 0.3250
Android (android.graphics.Color)	4293655807 (0xFFEBFCFF)
Y _{UV}	247.2590, 3.8163, -10.7511
Hunter-Lab	97.4250, -9.9837, 1.5554

Details

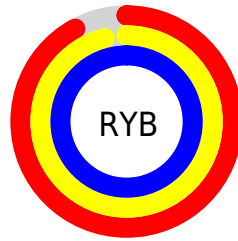
The CIELCh color **98, 6.127, 218.677** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.257, 31.897**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.913, 214.887** is the 20% darker color. If you saturate the color by 10%, you get **95, 13.313, 211.982**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

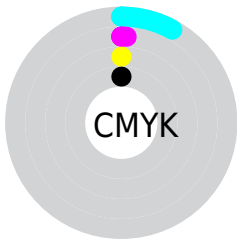
Distribution



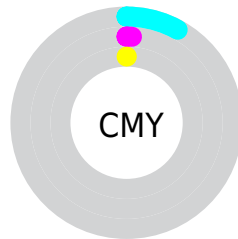
- Red (92%)
- Green (99%)
- Blue (100%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.127, 218.677 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, 6.127, 218.677 by changing the saturation by 10% instead.

 98, 6.127, 218.677

 98, 6.127, 218.677

 100, 6.127,
218.677

 88, 6.127, 218.677

 78, 6.127, 218.677

 68, 6.127, 218.677

 58, 6.127, 218.677

 48, 6.127, 218.677

 38, 6.127, 218.677

 28, 6.127, 218.677

 18, 6.127, 218.677

 8, 6.127, 218.677

98, 6.127, 218.677

98, 6.127, 218.677

95, 13.313,
211.982

100, 0.012,
296.813

93, 20.126,
212.149

91, 26.265,
212.493

89, 31.602,
213.047

87, 36.021,
213.860

85, 39.435,
214.985

84, 41.809,
216.479

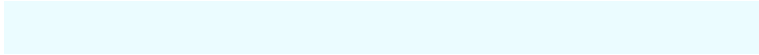
83, 43.183,
218.399

■ 82, 43.702,
220.775

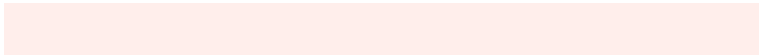
Harmonies

Complementary

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



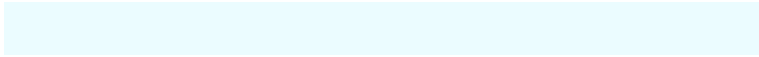
98, 6.127, 218.677



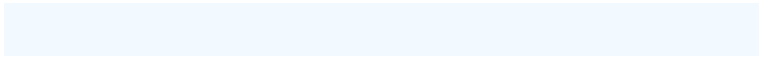
95, 6.257, 31.897

Rectangle

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



98, 6.127, 218.677



98, 6.127, 268.677



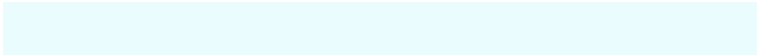
98, 6.127, 38.677



98, 6.127, 88.677

Sweetspot

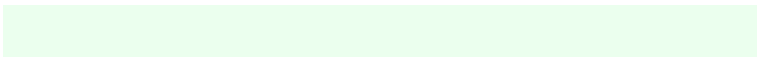
The Sweet Spot groups the original color and five complimentary colors.



98, 5.955, 211.991



99, 1.571, 212.320



98, 11.266, 147.341



53, 0.893, 212.342



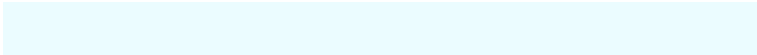
0, 0.000, 0.000



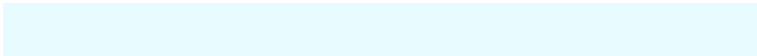
53, 0.007, 296.813

Same Dimension

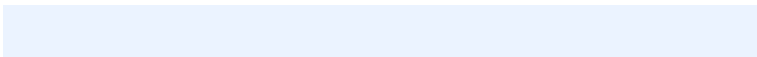
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 5.955, 211.991



98, 6.946, 211.975



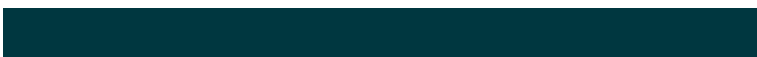
96, 6.674, 267.986



52, 4.382, 211.971



63, 35.283, 220.872



21, 16.358, 217.539

Inverse Universe

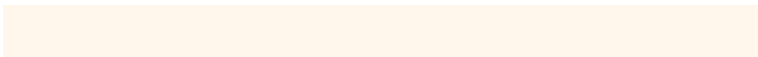
The Inverse Universe completely reimagines the original color for something new.



95, 11.172, 328.689



94, 13.088, 328.772



98, 6.700, 85.892



50, 8.270, 328.804



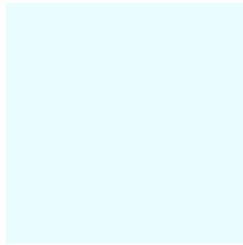
44, 83.922, 334.310



12, 39.088, 333.484

Previews

White Background



This preview shows how the CIELCh color 98, 6.127, 218.677 looks on a white background.

Color Contrast Check

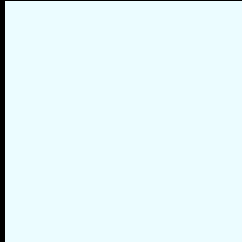
Large Text (above 18pt) WCAG AA × Fail

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, 6.127, 218.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

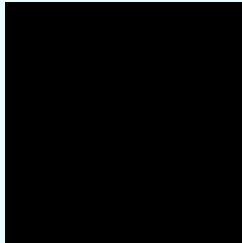
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 6.127, 218.677

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.127, 218.677.

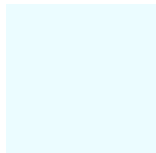


This preview shows how white text looks on a background with the CIELCh color 98, 6.127, 218.677.

Color Blindness Simulation

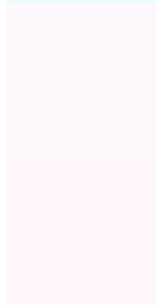
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

98, 5.992, 213.991



Protanopia

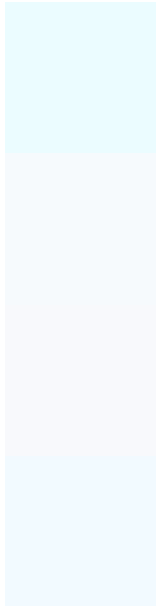
98, 2.498, 324.407

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.225, 271.658

Trichromacy



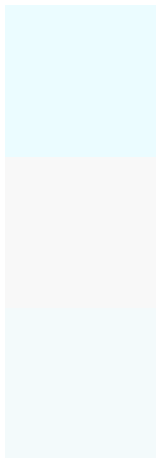
Original Color
98, 5.992, 213.991

Protanomaly
98, 2.056, 247.866

Deuteranomaly
98, 1.574, 277.558

Tritanomaly
98, 3.729, 242.696

Monochromacy



Original Color
98, 5.992, 213.991

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.478, 211.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.127, 218.677 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(235, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 252, 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(235, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.127, 218.677 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(235, 252, 255) }
```

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

```
.border{ border-color:rgb(235, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 252,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.127, 218.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 252, 255) }
```

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

```
.background{ background-color: rgb(235,  
252, 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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