

Converting Colors

CIELCh(98, 5.802, 215.539)

Have a look what the booklet for
CIELCh(98, 5.802, 215.539) contains.

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Color

CIELCh(98, 5.667, 214.885)

Conversions

Conversions Part 1

Format	Color
Hex	ECFCFF
RGB	236, 252, 255
RGB Percent	93%, 99%, 100%
CMY	0.0734, 0.0106, 0.0000
CMYK	0.07, 0.01, 0.00, 0.00
HSL	189°, 100%, 96%
HSV	189°, 7%, 100%
XYZ	87.6788, 94.9163, 108.5450
YIQ	247.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

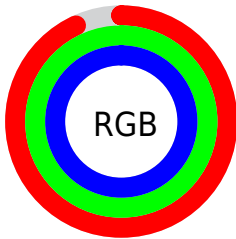
Format	Color
R _Y B	236, 245, 255
Decimal	15531263
CIE Lab	98.00, -4.65, -3.24
CIE LCh	98, 5.667, 214.885
Yxy	94.9163, 0.3012, 0.3260
Android (android.graphics.Color)	4293721343 (0xFFEFCFFF)
YUV	247.5580, 3.6689, -10.1364
Hunter-Lab	97.4250, -9.8505, 2.1401

Details

The CIELCh color **98, 5.667, 214.885** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 5.907, 33.231**, 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, 5.577, 215.894** is the 20% darker color. If you saturate the color by 10%, you get **95, 12.942, 213.476**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

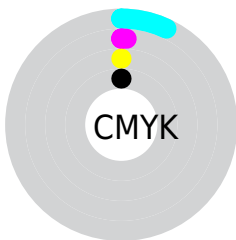
Distribution



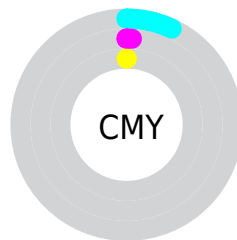
- Red (93%)
- Green (99%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 5.667, 214.885 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, 5.667, 214.885 by changing the saturation by 10% instead.

 98, 5.667, 214.885

 98, 5.667, 214.885

 100, 5.667,
214.885

 88, 5.667, 214.885

 78, 5.667, 214.885

 68, 5.667, 214.885

 58, 5.667, 214.885

 48, 5.667, 214.885

 38, 5.667, 214.885

 28, 5.667, 214.885

 18, 5.667, 214.885

 8, 5.667, 214.885

98, 5.667, 214.885

98, 5.667, 214.885

95, 12.942,
213.476

100, 0.012,
296.813

93, 19.716,
213.713

91, 25.832,
214.138

89, 31.163,
214.791

87, 35.594,
215.721

85, 39.040,
216.990

83, 41.464,
218.662

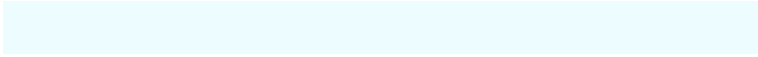
82, 42.907,
220.800

■ 81, 43.510,
223.438

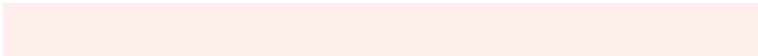
Harmonies

Complementary

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



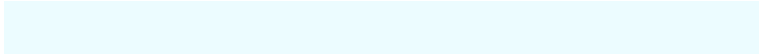
98, 5.667, 214.885



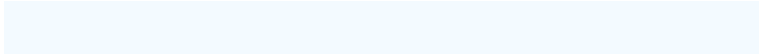
96, 5.907, 33.231

Rectangle

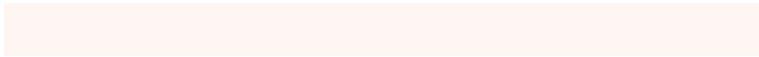
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



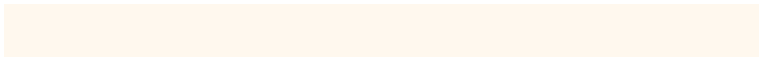
98, 5.667, 214.885



98, 5.667, 264.885



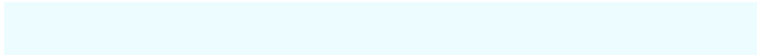
98, 5.667, 34.885



98, 5.667, 84.885

Sweetspot

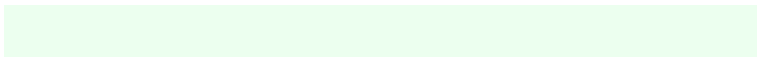
The Sweet Spot groups the original color and five complimentary colors.



98, 5.636, 213.428



99, 1.556, 213.722



98, 10.627, 147.885



53, 0.885, 213.744



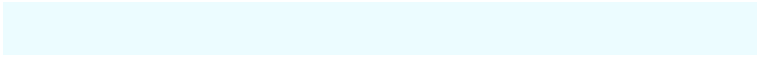
0, 0.000, 0.000



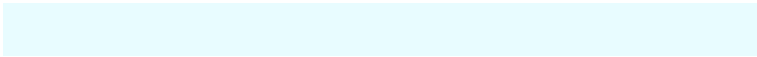
53, 0.007, 296.813

Same Dimension

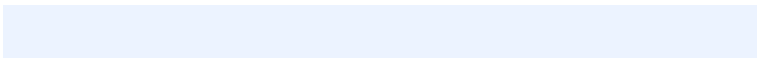
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 5.636, 213.428



98, 6.880, 213.417



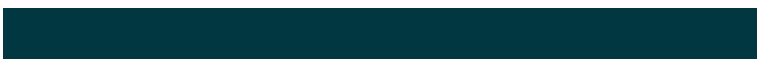
96, 6.483, 269.382



52, 4.340, 213.416



62, 35.140, 223.646



20, 16.262, 219.927

Inverse Universe

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



95, 10.567, 329.085



94, 12.969, 329.192



98, 6.495, 87.391



50, 8.195, 329.224



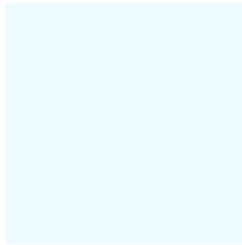
44, 83.083, 335.006



12, 38.742, 334.075

Previews

White Background



This preview shows how the CIELCh color 98, 5.667, 214.885 looks on a white background.

Color Contrast Check

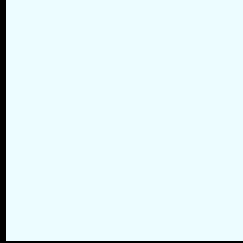
Large Text (above 18pt) WCAG AA × Fail

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, 5.667, 214.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

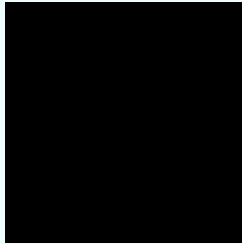
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 5.667, 214.885

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.667, 214.885.

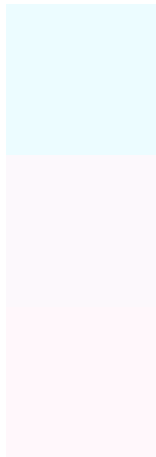


This preview shows how white text looks on a background with the CIELCh color 98, 5.667, 214.885.

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, 5.667, 214.885

Protanopia

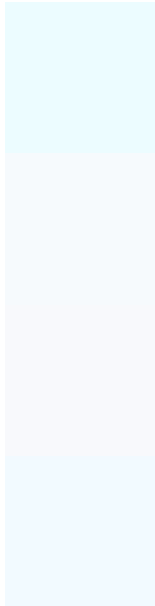
98, 2.498, 324.407

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.225, 271.658

Trichromacy



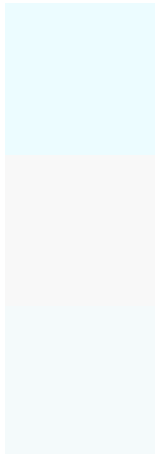
Original Color
98, 5.667, 214.885

Protanomaly
98, 2.056, 247.866

Deuteranomaly
98, 1.574, 277.558

Tritanomaly
98, 3.729, 242.696

Monochromacy



Original Color
98, 5.667, 214.885

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.141, 213.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.667, 214.885 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(236, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.667, 214.885 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(236, 252, 255) }
```

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

```
.border{ border-color:rgb(236, 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(236, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 252,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.667, 214.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 252, 255) }
```

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

```
.background{ background-color: rgb(236,  
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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