

Converting Colors

CIELCh(98, 9.666, 191.831)

Have a look what the booklet for
CIELCh(98, 9.666, 191.831) contains.

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Color

CIELCh(98, 9.623, 192.758)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFFD
RGB	227, 255, 253
RGB Percent	89%, 100%, 99%
CMY	0.1099, 0.0001, 0.0080
CMYK	0.11, 0.00, 0.01, 0.00
HSL	176°, 100%, 94%
HSV	176°, 11%, 100%
XYZ	85.1438, 94.9163, 106.7362
YIQ	246.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

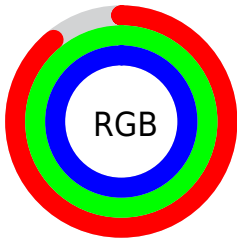
Format	Color
R _{YB}	227, 242, 255
Decimal	14942205
CIE Lab	98.00, -9.39, -2.13
CIE LCh	98, 9.623, 192.758
Yxy	94.9163, 0.2969, 0.3310
Android (android.graphics.Color)	4293132285 (0xFFE3FFFD)
YUV	246.4000, 3.2538, -17.0138
Hunter-Lab	97.4250, -14.4950, 3.2410

Details

The CIELCh color **98, 9.623, 192.758** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 10.229, 14.303**, 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, 9.684, 192.344** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.929, 191.996**, and if you desaturate by 10%, it is **100, 0.876, 194.145**.

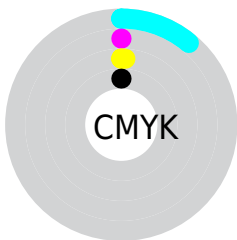
Distribution



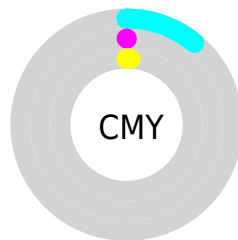
- Red (89%)
- Green (100%)
- Blue (99%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.623, 192.758 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, 9.623, 192.758 by changing the saturation by 10% instead.

 98, 9.623, 192.758

 98, 9.623, 192.758

 100, 9.623,
192.758

 88, 9.623, 192.758

 78, 9.623, 192.758

 68, 9.623, 192.758

 58, 9.623, 192.758

 48, 9.623, 192.758

 38, 9.623, 192.758

 28, 9.623, 192.758

 18, 9.623, 192.758

 8, 9.623, 192.758

98, 9.623, 192.758

98, 9.623, 192.758

96, 17.929,
191.996

100, 0.876,
194.145

95, 25.645,
191.268

100, 0.026,
312.632

94, 32.620,
190.545

93, 38.709,
189.819

92, 43.791,
189.081

91, 47.784,
188.318

91, 50.671,
187.514

91, 52.509,
186.654

■ 91, 53.454,
185.828

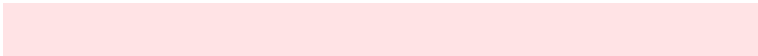
Harmonies

Complementary

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



98, 9.623, 192.758



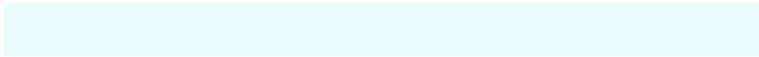
93, 10.229, 14.303

Rectangle

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



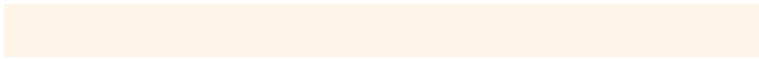
98, 9.623, 192.758



98, 9.623, 242.758



98, 9.623, 12.758



98, 9.623, 62.758

Sweetspot

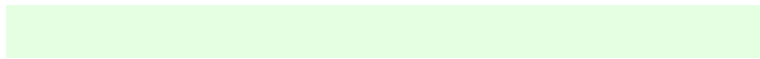
The Sweet Spot groups the original color and five complimentary colors.



98, 9.624, 192.747



99, 2.670, 193.500



98, 17.017, 141.605



53, 2.021, 193.391



0, 0.000, 0.000



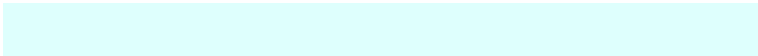
53, 0.007, 296.813

Same Dimension

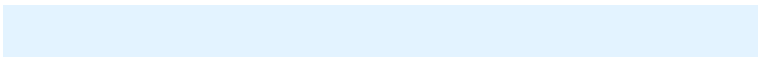
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 9.624, 192.747



98, 11.341, 192.592



95, 8.074, 247.265



52, 4.999, 192.864



70, 43.002, 185.997



24, 19.610, 187.176

Inverse Universe

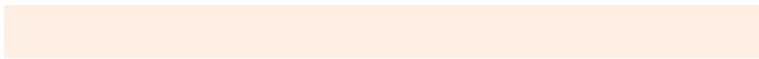
The Inverse Universe completely reimagines the original color for something new.



93, 10.229, 14.303



91, 12.195, 14.499



95, 8.419, 64.661



50, 5.268, 14.162



40, 81.262, 37.274



10, 32.803, 24.290

Previews

White Background



This preview shows how the CIELCh color 98, 9.623, 192.758 looks on a white background.

Color Contrast Check

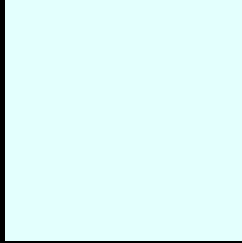
Large Text (above 18pt) WCAG AA × Fail

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, 9.623, 192.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

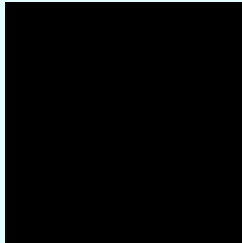
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

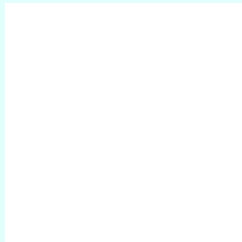
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 9.623, 192.758

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.623, 192.758.



This preview shows how white text looks on a background with the CIELCh color 98, 9.623, 192.758.

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, 9.623, 192.758

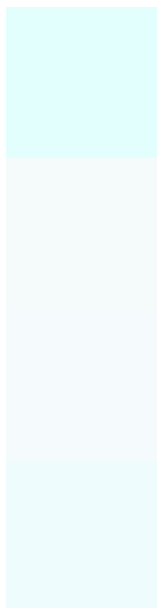


Protanopia
98, 1.840, 3.099

Deuteranopia
98, 3.497, 343.770

Tritanopia
98, 3.265, 251.001

Trichromacy



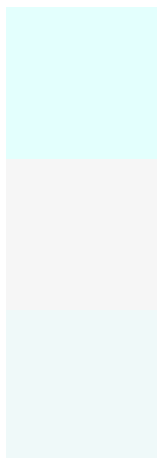
Original Color
98, 9.623, 192.758

Protanomaly
98, 2.495, 187.719

Deuteranomaly
98, 2.005, 230.268

Tritanomaly
98, 4.906, 211.260

Monochromacy



Original Color
98, 9.623, 192.758

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.472, 199.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.623, 192.758 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(227, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 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(227, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.623, 192.758 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(227, 255, 253) }
```

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

```
.border{ border-color:rgb(227, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.623, 192.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 253) }
```

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

```
.background{ background-color: rgb(227,  
255, 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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