

Converting Colors

CIELCh(100, 40.544, 282.151)

Have a look what the booklet for
CIELCh(100, 40.544, 282.151)
contains.

CIELCh(98, 8.870, 205.560)	3
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Color

CIELCh(98, 8.870, 205.560)

Conversions

Conversions Part 1

Format	Color
Hex	E4FEFF
RGB	228, 254, 255
RGB Percent	89%, 100%, 100%
CMY	0.1048, 0.0027, 0.0000
CMYK	0.10, 0.00, 0.00, 0.00
HSL	182°, 100%, 95%
HSV	182°, 10%, 100%
XYZ	85.8791, 94.9163, 109.5027
YIQ	246.3400, -15.8170, -5.2010

Conversions

Conversions Part 2

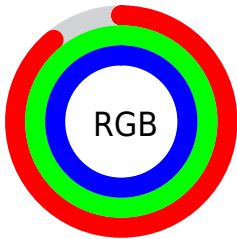
Format	Color
R _Y B	228, 241, 255
Decimal	15007487
CIE Lab	98.00, -8.00, -3.83
CIE LCh	98, 8.870, 205.560
Yxy	94.9163, 0.2958, 0.3270
Android (android.graphics.Color)	4293197567 (0xFFE4FEFF)
YUV	246.3400, 4.2694, -16.0842
Hunter-Lab	97.4250, -13.1478, 1.5573

Details

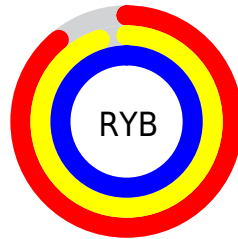
The CIELCh color **98, 8.870, 205.560** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 9.475, 22.155**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.864, 202.272** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.792, 200.786**, and if you desaturate by 10%, it is **100, 0.414, 203.220**.

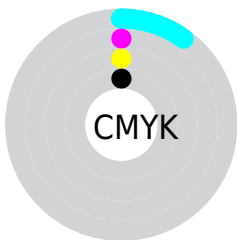
Distribution



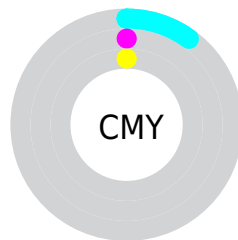
- Red (89%)
- Green (100%)
- Blue (100%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.870, 205.560 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, 8.870, 205.560 by changing the saturation by 10% instead.

 98, 8.870, 205.560

 98, 8.870, 205.560

 100, 8.870,
205.560

 88, 8.870, 205.560

 78, 8.870, 205.560

 68, 8.870, 205.560

 58, 8.870, 205.560

 48, 8.870, 205.560

 38, 8.870, 205.560

 28, 8.870, 205.560

 18, 8.870, 205.560

 8, 8.870, 205.560

98, 8.870, 205.560

98, 8.870, 205.560

96, 16.792,
200.786

100, 0.414,
203.220

95, 24.089,
200.431

100, 0.012,
296.813

93, 30.600,
200.157

92, 36.191,
199.972

91, 40.749,
199.887

90, 44.205,
199.910

90, 46.548,
200.048

89, 47.841,
200.302

■ 89, 48.296,
200.639

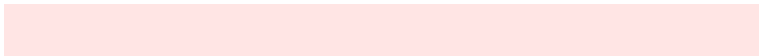
Harmonies

Complementary

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



98, 8.870, 205.560



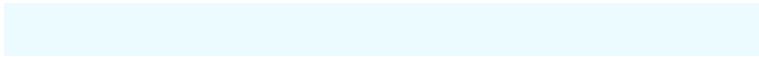
93, 9.475, 22.155

Rectangle

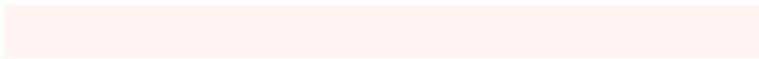
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



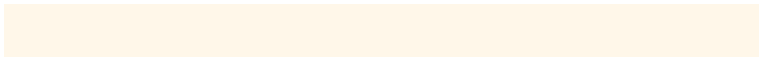
98, 8.870, 205.560



98, 8.870, 255.560



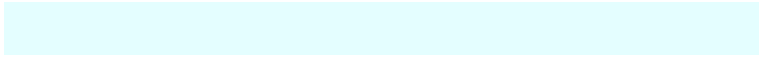
98, 8.870, 25.560



98, 8.870, 75.560

Sweetspot

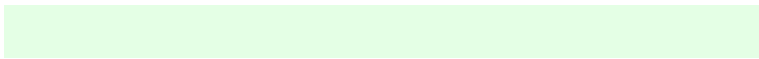
The Sweet Spot groups the original color and five complimentary colors.



98, 8.854, 201.228



99, 2.581, 201.749



98, 16.492, 144.274



53, 1.953, 201.658



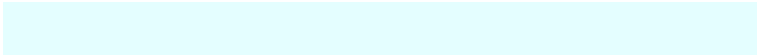
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

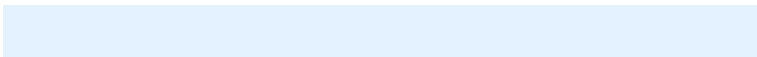
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 8.854, 201.228



98, 10.908, 201.106



95, 8.266, 258.659



52, 4.816, 201.278



69, 38.923, 200.563



23, 17.982, 200.043

Inverse Universe

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



93, 16.410, 325.709



92, 20.383, 325.854



96, 8.454, 75.846



50, 8.898, 325.652



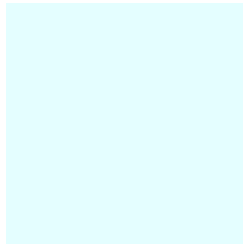
45, 91.199, 329.297



12, 42.059, 329.166

Previews

White Background



This preview shows how the CIELCh color 98, 8.870, 205.560 looks on a white background.

Color Contrast Check

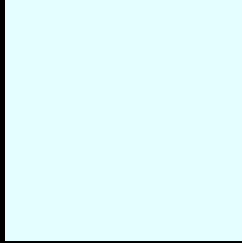
Large Text (above 18pt) WCAG AA × Fail

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, 8.870, 205.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

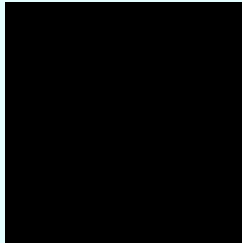
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 8.870, 205.560

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.870, 205.560.



This preview shows how white text looks on a background with the CIELCh color 98, 8.870, 205.560.

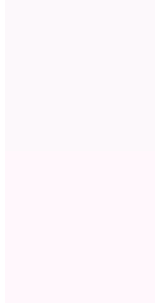
Color Blindness Simulation

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, 8.847, 202.241

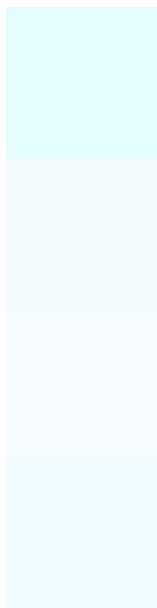


Protanopia
98, 2.096, 332.260

Deuteranopia
98, 3.820, 337.601

Tritanopia
98, 3.265, 251.001

Trichromacy



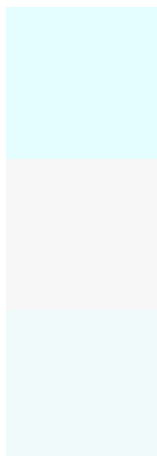
Original Color
98, 8.847, 202.241

Protanomaly
98, 2.621, 222.452

Deuteranomaly
98, 2.300, 241.396

Tritanomaly
98, 5.020, 217.019

Monochromacy



Original Color
98, 8.847, 202.241

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 3.469, 199.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.870, 205.560 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(228, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 254, 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(228, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 254, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.870, 205.560 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(228, 254, 255) }
```

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

```
.border{ border-color:rgb(228, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 254,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.870, 205.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 254, 255) }
```

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

```
.background{ background-color: rgb(228,  
254, 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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