

Converting Colors

CIELCh(100, 31.928, 280.857)

Have a look what the booklet for
CIELCh(100, 31.928, 280.857)
contains.

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Color

CIELCh(98, 7.187, 203.124)

Conversions

Conversions Part 1

Format	Color
Hex	E8FDDE
RGB	232, 253, 254
RGB Percent	91%, 99%, 100%
CMY	0.0886, 0.0062, 0.0023
CMYK	0.09, 0.00, 0.00, 0.00
HSL	183°, 95%, 95%
HSV	183°, 9%, 100%
XYZ	86.6233, 94.9163, 107.8641
YIQ	246.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

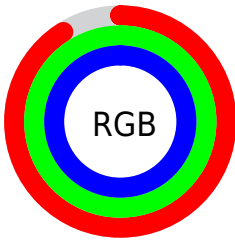
Format	Color
R _{YB}	232, 243, 254
Decimal	15269374
CIE Lab	98.00, -6.61, -2.82
CIE LCh	98, 7.187, 203.124
Yxy	94.9163, 0.2993, 0.3280
Android (android.graphics.Color)	4293459454 (0xFFE8FDFE)
YUV	246.8350, 3.5323, -13.0103
Hunter-Lab	97.4250, -11.7842, 2.5545

Details

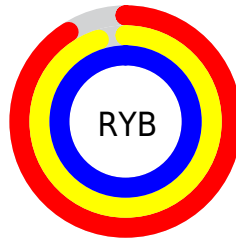
The CIELCh color **98, 7.187, 203.124** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.601, 23.684**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.151, 203.246** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.061, 202.720**, and if you desaturate by 10%, it is **100, 0.166, 43.440**.

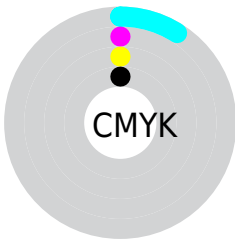
Distribution



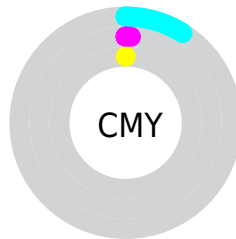
- Red (91%)
- Green (99%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.187, 203.124 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, 7.187, 203.124 by changing the saturation by 10% instead.

 98, 7.187, 203.124

 98, 7.187, 203.124

 100, 7.187,
203.124

 88, 7.187, 203.124

 78, 7.187, 203.124

 68, 7.187, 203.124

 58, 7.187, 203.124

 48, 7.187, 203.124

 38, 7.187, 203.124

 28, 7.187, 203.124

 18, 7.187, 203.124

 8, 7.187, 203.124

98, 7.187, 203.124

98, 7.187, 203.124

96, 15.061,
202.720

100, 0.166, 43.440

94, 22.328,
202.439

100, 0.288,
109.888

93, 28.849,
202.254

92, 34.486,
202.177

90, 39.123,
202.223

89, 42.678,
202.408

89, 45.124,
202.746

88, 46.507,
203.248

■ 88, 46.988,
203.910

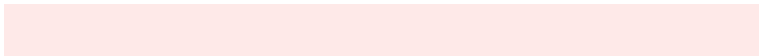
Harmonies

Complementary

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



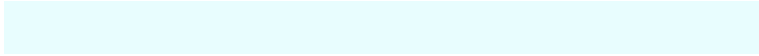
98, 7.187, 203.124



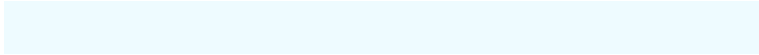
94, 7.601, 23.684

Rectangle

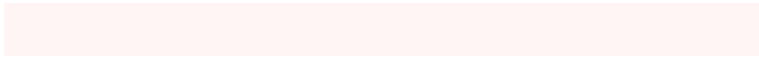
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



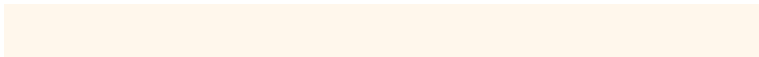
98, 7.187, 203.124



98, 7.187, 253.124



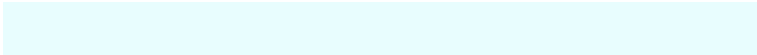
98, 7.187, 23.124



98, 7.187, 73.124

Sweetspot

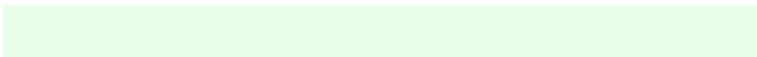
The Sweet Spot groups the original color and five complimentary colors.



98, 7.188, 203.108



99, 2.534, 203.496



98, 13.407, 144.850



53, 1.917, 203.409



0, 0.000, 0.000



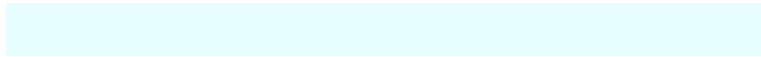
53, 0.007, 296.813

Same Dimension

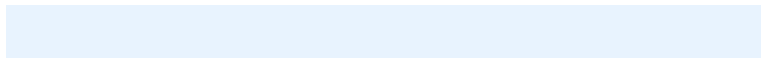
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 7.188, 203.108



98, 8.302, 203.046



95, 6.909, 260.150



52, 4.726, 203.068



68, 37.977, 203.867



23, 17.589, 202.913

Inverse Universe

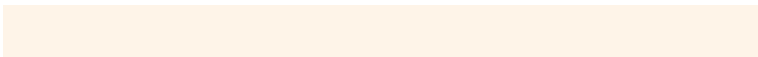
The Inverse Universe completely reimagines the original color for something new.



94, 13.321, 326.139



94, 15.451, 326.219



97, 7.016, 77.796



50, 8.782, 326.190



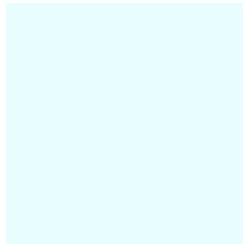
45, 89.829, 330.123



12, 41.503, 329.886

Previews

White Background



This preview shows how the CIELCh color 98, 7.187, 203.124 looks on a white background.

Color Contrast Check

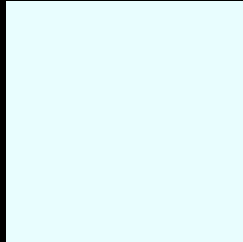
Large Text (above 18pt) WCAG AA × Fail

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, 7.187, 203.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

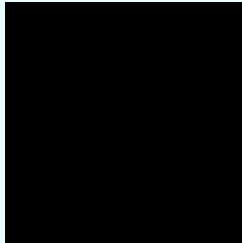
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

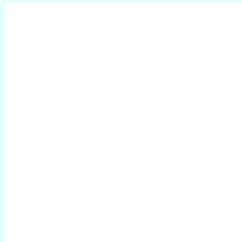
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.187, 203.124

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.187, 203.124.

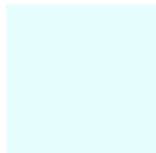


This preview shows how white text looks on a background with the CIELCh color 98, 7.187, 203.124.

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, 7.192, 203.122



Protanopia

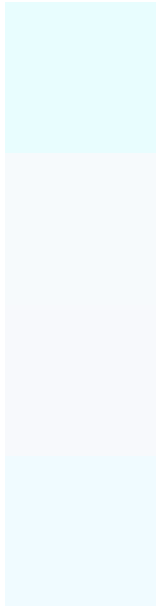
98, 2.348, 338.592

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.064, 256.053

Trichromacy



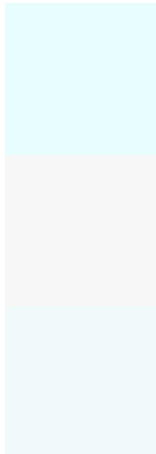
Original Color
98, 7.192, 203.122

Protanomaly
98, 1.717, 236.229

Deuteranomaly
98, 1.681, 265.875

Tritanomaly
98, 4.270, 227.932

Monochromacy



Original Color
98, 7.192, 203.122

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.480, 211.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.187, 203.124 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(232, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(232, 253, 254)  
}
```

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(232, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.187, 203.124 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(232, 253, 254) }
```

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

```
.border{ border-color:rgb(232, 253, 254) }
```

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

Here you see how a box with a 4 pixel rgb(232, 253, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(232, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.187, 203.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 253, 254) }
```

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

```
.background{ background-color: rgb(232,  
253, 254) }
```

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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