

Converting Colors

CIE LCh(98, 4.811, 202.012)

Have a look what the booklet for
CIELCh(98, 4.811, 202.012) contains.

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Color

CIELCh(98, 4.843, 205.291)

Conversions

Conversions Part 1

Format	Color
Hex	EEFCFD
RGB	238, 252, 253
RGB Percent	93%, 99%, 99%
CMY	0.0665, 0.0116, 0.0077
CMYK	0.06, 0.00, 0.00, 0.01
HSL	184°, 79%, 96%
HSV	184°, 6%, 99%
XYZ	87.8247, 94.9163, 106.6458
YIQ	247.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

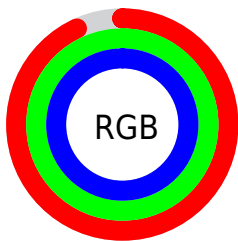
Format	Color
R _Y B	238, 245, 253
Decimal	15662333
CIE Lab	98.00, -4.38, -2.07
CIE LCh	98, 4.843, 205.291
Yxy	94.9163, 0.3035, 0.3280
Android (android.graphics.Color)	4293852413 (0xFFEEFCFD)
YUV	247.9280, 2.5005, -8.7069
Hunter-Lab	97.4250, -9.5831, 3.2959

Details

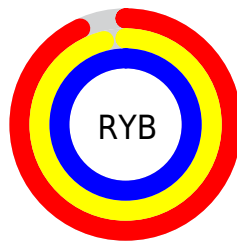
The CIELCh color **98, 4.843, 205.291** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.032, 25.416**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 4.709, 205.704** is the 20% darker color. If you saturate the color by 10%, you get **96, 12.662, 204.912**, and if you desaturate by 10%, it is **100, 0.558, 56.388**.

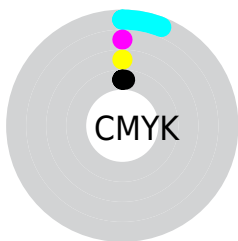
Distribution



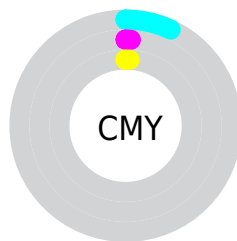
- Red (93%)
- Green (99%)
- Blue (99%)



- Red (93%)
- Yellow (96%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.843, 205.291 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, 4.843, 205.291 by changing the saturation by 10% instead.

 98, 4.843, 205.291

 98, 4.843, 205.291

 100, 4.843,
205.291

 88, 4.843, 205.291

 78, 4.843, 205.291

 68, 4.843, 205.291

 58, 4.843, 205.291

 48, 4.843, 205.291

 38, 4.843, 205.291

 28, 4.843, 205.291

 18, 4.843, 205.291

 8, 4.843, 205.291

98, 4.843, 205.291

98, 4.843, 205.291

96, 12.662,
204.912

100, 0.558, 56.388

94, 19.925,
204.705

100, 0.987,
110.026

92, 26.496,
204.610

91, 32.239,
204.641

89, 37.029,
204.819

88, 40.772,
205.169

87, 43.423,
205.713

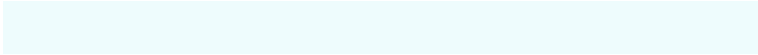
86, 45.003,
206.475

■ 86, 45.620,
207.466

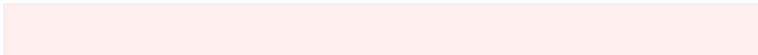
Harmonies

Complementary

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



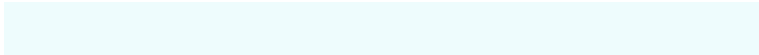
98, 4.843, 205.291



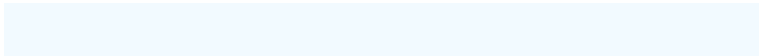
96, 5.032, 25.416

Rectangle

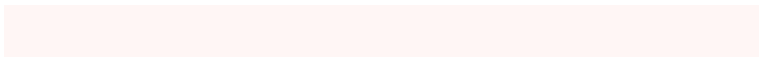
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



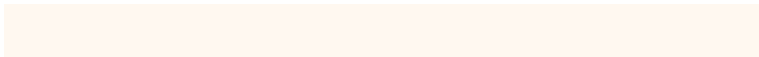
98, 4.843, 205.291



98, 4.843, 255.291



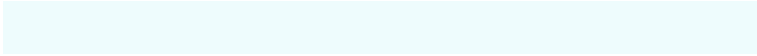
98, 4.843, 25.291



98, 4.843, 75.291

Sweetspot

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



98, 4.844, 205.265



100, 1.660, 205.655



98, 9.029, 145.496



53, 0.944, 205.679



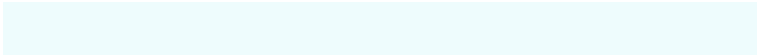
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

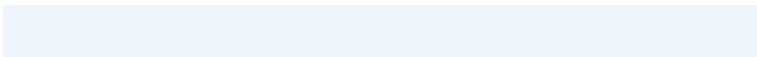
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 4.844, 205.265



98, 5.741, 205.213



96, 4.792, 261.489



52, 3.724, 205.186



66, 37.069, 207.706



22, 17.204, 206.229

Inverse Universe

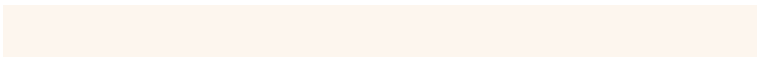
The Inverse Universe completely reimagines the original color for something new.



96, 8.949, 326.578



96, 10.641, 326.645



97, 4.825, 79.805



51, 6.917, 326.682



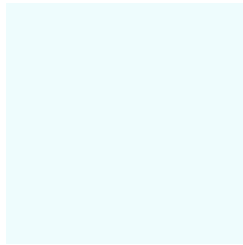
45, 88.347, 331.071



12, 40.900, 330.707

Previews

White Background



This preview shows how the CIELCh color 98, 4.843, 205.291 looks on a white background.

Color Contrast Check

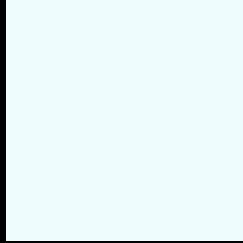
Large Text (above 18pt) WCAG AA × Fail

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, 4.843, 205.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

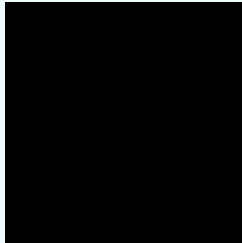
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 4.843, 205.291

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.843, 205.291.

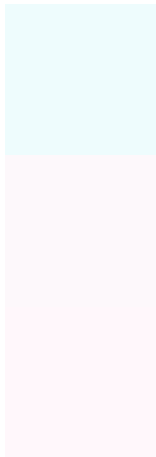


This preview shows how white text looks on a background with the CIELCh color 98, 4.843, 205.291.

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, 4.843, 205.291

Protanopia

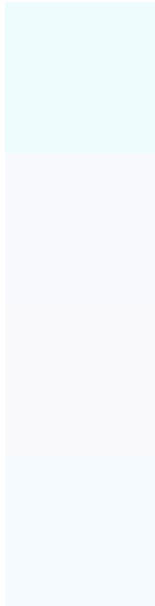
98, 2.348, 338.592

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.137, 277.676

Trichromacy



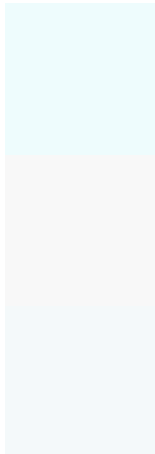
Original Color
98, 4.843, 205.291

Protanomaly
98, 1.574, 277.558

Deuteranomaly
98, 1.540, 290.343

Tritanomaly
98, 2.892, 244.496

Monochromacy



Original Color
98, 4.843, 205.291

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.809, 216.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.843, 205.291 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(238, 252, 253)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 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(238, 252, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.843, 205.291 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(238, 252, 253) }
```

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

```
.border{ border-color:rgb(238, 252, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 252, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 253);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.843, 205.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 252, 253) }
```

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

```
.background{ background-color: rgb(238,  
252, 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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