

Converting Colors

CIELCh(100, 29.054, 280.572)

Have a look what the booklet for
CIELCh(100, 29.054, 280.572)
contains.

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Color

CIELCh(98, 6.518, 203.592)

Conversions

Conversions Part 1

Format	Color
Hex	EAFDFE
RGB	234, 253, 254
RGB Percent	92%, 99%, 100%
CMY	0.0822, 0.0078, 0.0038
CMYK	0.08, 0.00, 0.00, 0.00
HSL	183°, 91%, 96%
HSV	183°, 8%, 100%
XYZ	86.9649, 94.9163, 107.5174
YIQ	247.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

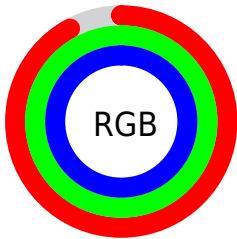
Format	Color
RYB	234, 244, 254
Decimal	15400446
CIELab	98.00, -5.97, -2.61
CIELCh	98, 6.518, 203.592
Yxy	94.9163, 0.3005, 0.3280
Android (android.graphics.Color)	4293590526 (0xFFEAFDFE)
YUV	247.4330, 3.2375, -11.7807
Hunter-Lab	97.4250, -11.1584, 2.7655

Details

The CIELCh color **98, 6.518, 203.592** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.858, 24.034**, 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, 6.456, 203.769** is the 20% darker color. If you saturate the color by 10%, you get **96, 14.388, 203.193**, and if you desaturate by 10%, it is **100, 0.278, 46.218**.

Distribution



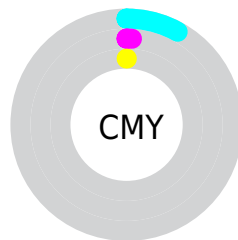
- Red (92%)
- Green (99%)
- Blue (100%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 6.518, 203.592 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, 6.518, 203.592 by changing the saturation by 10% instead.

 98, 6.518, 203.592

 98, 6.518, 203.592

 100, 6.518,
203.592

 88, 6.518, 203.592

 78, 6.518, 203.592

 68, 6.518, 203.592

 58, 6.518, 203.592

 48, 6.518, 203.592

 38, 6.518, 203.592

 28, 6.518, 203.592

 18, 6.518, 203.592

 8, 6.518, 203.592

98, 6.518, 203.592

98, 6.518, 203.592

96, 14.388,
203.193

100, 0.278, 46.218

94, 21.665,
202.926

100, 0.486,
109.982

93, 28.211,
202.758

91, 33.888,
202.702

90, 38.577,
202.775

89, 42.192,
202.992

88, 44.701,
203.372

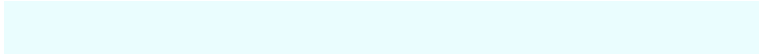
88, 46.143,
203.927

■ 87, 46.658,
204.657

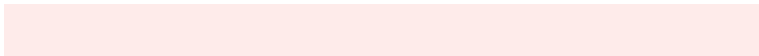
Harmonies

Complementary

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



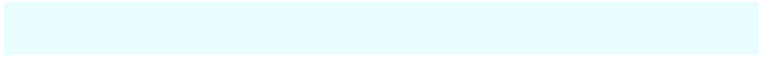
98, 6.518, 203.592



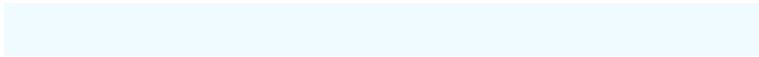
95, 6.858, 24.034

Rectangle

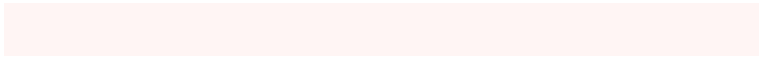
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 6.518, 203.592



98, 6.518, 253.592



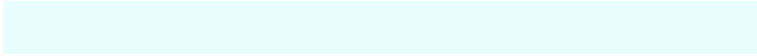
98, 6.518, 23.592



98, 6.518, 73.592

Sweetspot

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



98, 6.519, 203.574



100, 1.686, 204.087



98, 12.180, 144.902



53, 0.959, 204.111



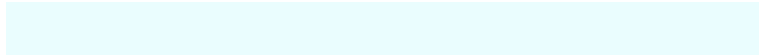
0, 0.000, 0.000



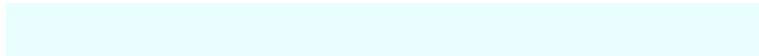
53, 0.007, 296.813

Same Dimension

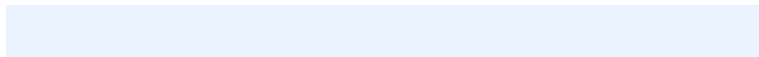
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 6.519, 203.574



98, 7.459, 203.521



96, 6.282, 260.046



52, 4.705, 203.499



67, 37.770, 204.672



23, 17.503, 203.610

Inverse Universe

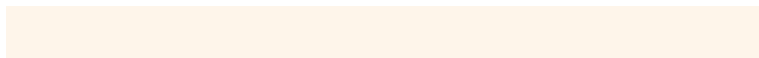
The Inverse Universe completely reimagines the original color for something new.



95, 12.066, 326.221



94, 13.855, 326.289



97, 6.367, 77.889



50, 8.755, 326.319



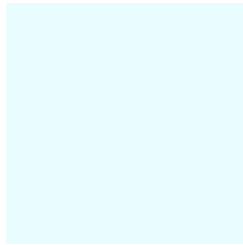
45, 89.509, 330.323



12, 41.373, 330.059

Previews

White Background



This preview shows how the CIELCh color 98, 6.518, 203.592 looks on a white background.

Color Contrast Check

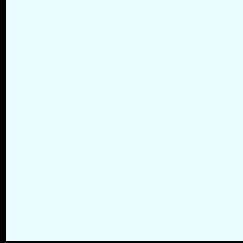
Large Text (above 18pt) WCAG AA × Fail

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, 6.518, 203.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

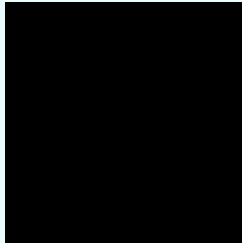
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 6.518, 203.592

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.518, 203.592.

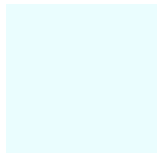


This preview shows how white text looks on a background with the CIELCh color 98, 6.518, 203.592.

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, 6.523, 203.591



Protanopia

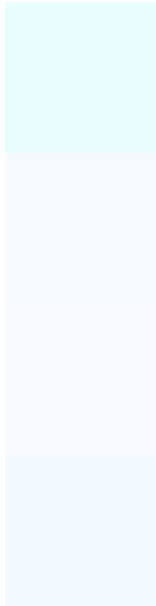
98, 2.348, 338.592

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.225, 271.658

Trichromacy



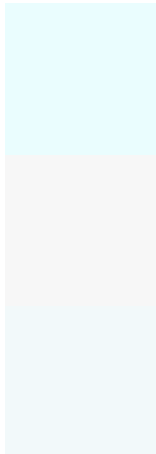
Original Color
98, 6.523, 203.591

Protanomaly
98, 1.717, 236.229

Deuteranomaly
98, 1.681, 265.875

Tritanomaly
98, 3.729, 242.696

Monochromacy



Original Color
98, 6.523, 203.591

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, 6.518, 203.592 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(234, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.518, 203.592 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(234, 253, 254) }
```

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

```
.border{ border-color:rgb(234, 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(234, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.518, 203.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 253, 254) }
```

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

```
.background{ background-color: rgb(234,  
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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