

Converting Colors

CIE LCh(98, 3.110, 209.789)

Have a look what the booklet for
CIELCh(98, 3.110, 209.789) contains.

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Color

CIELCh(98, 3.152, 208.737)

Conversions

Conversions Part 1

Format	Color
Hex	F2FBFC
RGB	242, 251, 252
RGB Percent	95%, 98%, 99%
CMY	0.0509, 0.0156, 0.0117
CMYK	0.04, 0.00, 0.00, 0.01
HSL	186°, 63%, 97%
HSV	186°, 4%, 99%
XYZ	88.7013, 94.9163, 105.7566
YIQ	248.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

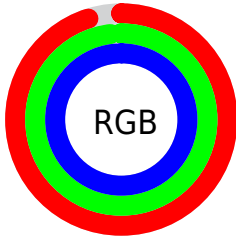
Format	Color
R_{YB}	242, 247, 252
Decimal	15924220
CIE _{Lab}	98.00, -2.76, -1.52
CIE _{LCh}	98, 3.152, 208.737
Yxy	94.9163, 0.3065, 0.3280
Android (android.graphics.Color)	4294114300 (0xFFFF2FBFC)
YUV	248.4230, 1.7635, -5.6330
Hunter-Lab	97.4250, -7.9770, 3.8371

Details

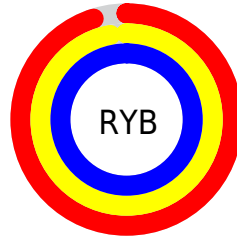
The CIELCh color **98, 3.152, 208.737** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 3.233, 28.456**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 3.268, 199.317** is the 20% darker color. If you saturate the color by 10%, you get **96, 10.809, 208.408**, and if you desaturate by 10%, it is **100, 0.910, 75.684**.

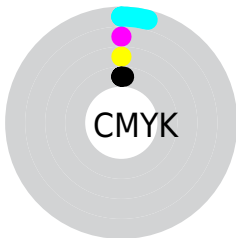
Distribution



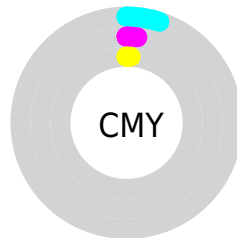
- Red (95%)
- Green (98%)
- Blue (99%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (5%)
- Magenta (2%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 3.152, 208.737 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, 3.152, 208.737 by changing the saturation by 10% instead.

 98, 3.152, 208.737

 98, 3.152, 208.737

 100, 3.152,
208.737

 88, 3.152, 208.737

 78, 3.152, 208.737

 68, 3.152, 208.737

 58, 3.152, 208.737

 48, 3.152, 208.737

 38, 3.152, 208.737

 28, 3.152, 208.737

 18, 3.152, 208.737

 8, 3.152, 208.737

98, 3.152, 208.737

98, 3.152, 208.737

96, 10.809,
208.408

100, 0.910, 75.684

93, 17.952,
208.343

100, 1.500,
110.014

91, 24.454,
208.416

90, 30.182,
208.648

88, 35.009,
209.069

87, 38.835,
209.718

85, 41.602,
210.633

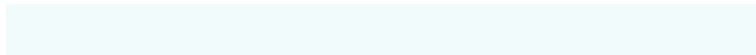
84, 43.316,
211.855

■ 83, 44.066,
213.416

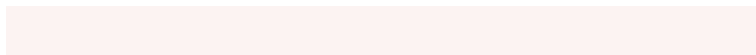
Harmonies

Complementary

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



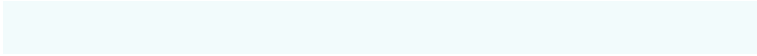
98, 3.152, 208.737



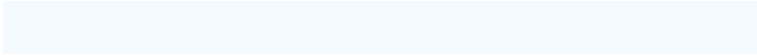
97, 3.233, 28.456

Rectangle

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



98, 3.152, 208.737



98, 3.152, 258.737



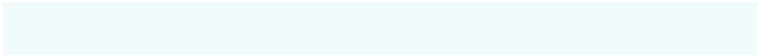
98, 3.152, 28.737



98, 3.152, 78.737

Sweetspot

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



98, 3.153, 208.696



100, 0.808, 209.369



98, 5.874, 146.596



53, 0.460, 209.413



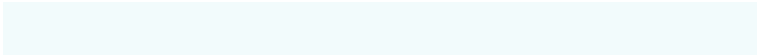
0, 0.000, 0.000



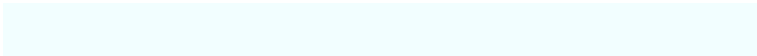
53, 0.007, 296.813

Same Dimension

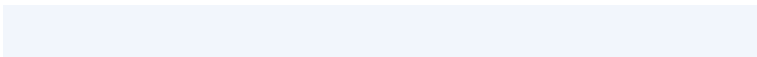
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 3.153, 208.696



99, 4.001, 208.635



97, 3.300, 264.493



52, 2.681, 208.603



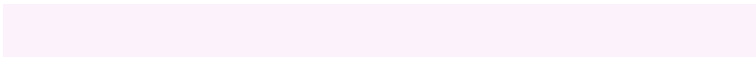
64, 35.599, 214.142



20, 16.274, 211.648

Inverse Universe

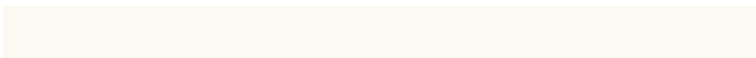
The Inverse Universe completely reimagines the original color for something new.



96, 5.828, 327.433



97, 7.419, 327.505



98, 3.298, 83.262



50, 4.980, 327.550



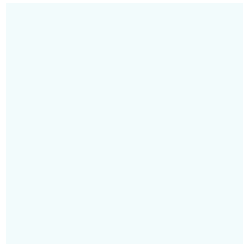
44, 85.221, 332.648



11, 38.939, 332.038

Previews

White Background



This preview shows how the CIELCh color 98, 3.152, 208.737 looks on a white background.

Color Contrast Check

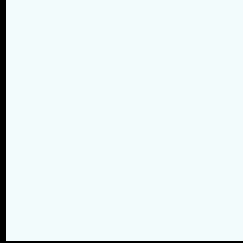
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 3.152, 208.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

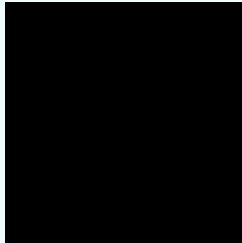
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 3.152, 208.737

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.152, 208.737.

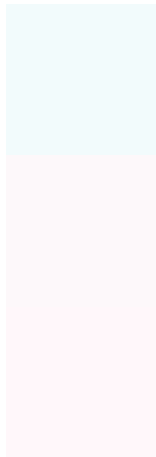


This preview shows how white text looks on a background with the CIELCh color 98, 3.152, 208.737.

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, 3.152, 208.737

Protanopia

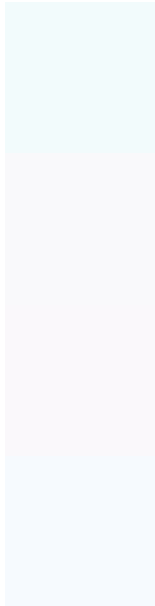
98, 2.047, 349.333

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.084, 283.981

Trichromacy



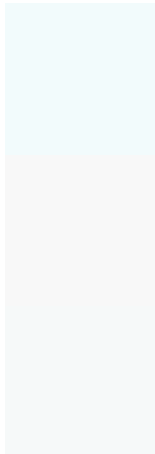
Original Color
98, 3.152, 208.737

Protanomaly
98, 1.031, 290.329

Deuteranomaly
98, 1.701, 314.600

Tritanomaly
98, 2.455, 255.989

Monochromacy



Original Color
98, 3.152, 208.737

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.047, 199.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.152, 208.737 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(242, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(242, 251, 252)  
}
```

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(242, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 251, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.152, 208.737 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(242, 251, 252) }
```

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

```
.border{ border-color:rgb(242, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(242, 251,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.152, 208.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 251, 252) }
```

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

```
.background{ background-color: rgb(242,  
251, 252) }
```

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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