

Converting Colors

CIELCh(96, 4.398, 219.781)

Have a look what the booklet for
CIELCh(96, 4.398, 219.781) contains.

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Color

CIELCh(96, 4.398, 219.781)

Conversions

Conversions Part 1

Format	Color
Hex	EAF6F9
RGB	234, 246, 249
RGB Percent	92%, 96%, 98%
CMY	0.0834, 0.0364, 0.0246
CMYK	0.06, 0.01, 0.00, 0.02
HSL	192°, 54%, 95%
HSV	192°, 6%, 98%
XYZ	83.7654, 90.0078, 102.3505
YIQ	242.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

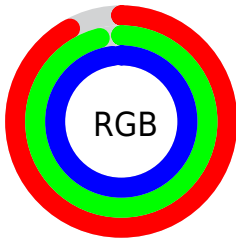
Format	Color
R _Y B	234, 241, 249
Decimal	15398649
CIE Lab	96.00, -3.38, -2.81
CIE LCh	96, 4.398, 219.781
Yxy	90.0078, 0.3034, 0.3260
Android (android.graphics.Color)	4293588729 (0xFFEAF6F9)
YUV	242.7540, 3.0793, -7.6773
Hunter-Lab	94.8724, -8.4243, 2.4473

Details

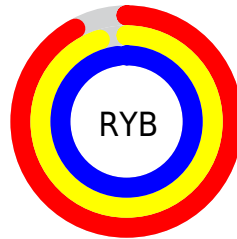
The CIELCh color **96, 4.398, 219.781** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 4.562, 39.187**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.595, 219.802** is the 20% darker color. If you saturate the color by 10%, you get **93, 11.387, 220.042**, and if you desaturate by 10%, it is **99, 1.805, 52.797**.

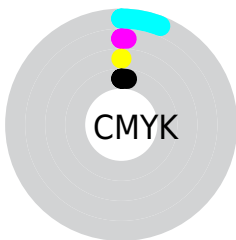
Distribution



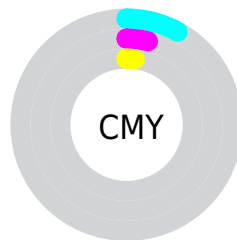
- Red (92%)
- Green (96%)
- Blue (98%)



- Red (92%)
- Yellow (95%)
- Blue (98%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.398, 219.781 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 96, 4.398, 219.781 by changing the saturation by 10% instead.

96, 4.398, 219.781

96, 4.398, 219.781

100, 4.398,
219.781

86, 4.398, 219.781

76, 4.398, 219.781

66, 4.398, 219.781

56, 4.398, 219.781

46, 4.398, 219.781

36, 4.398, 219.781

26, 4.398, 219.781

16, 4.398, 219.781

6, 4.398, 219.781

96, 4.398, 219.781

96, 4.398, 219.781

93, 11.387,
220.042

99, 1.805, 52.797

90, 17.911,
220.579

100, 3.174,
109.917

88, 23.859,
221.353

85, 29.118,
222.418

83, 33.583,
223.843

81, 37.177,
225.708

79, 39.871,
228.101

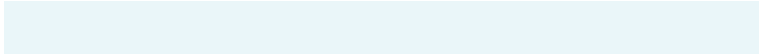
77, 41.711,
231.101

■ 75, 42.837,
234.751

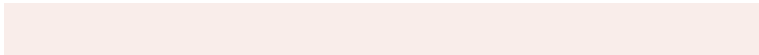
Harmonies

Complementary

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



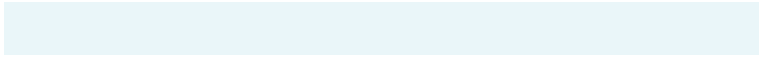
96, 4.398, 219.781



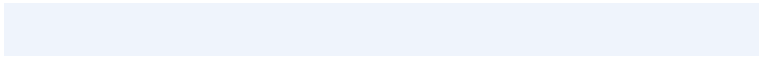
94, 4.562, 39.187

Rectangle

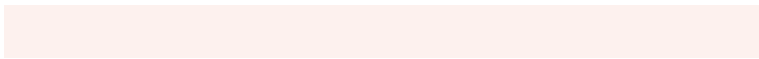
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 4.398, 219.781



96, 4.398, 269.781



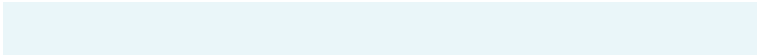
96, 4.398, 39.781



96, 4.398, 89.781

Sweetspot

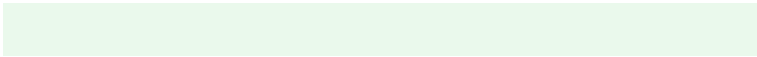
The Sweet Spot groups the original color and five complimentary colors.



96, 4.399, 219.751



99, 1.504, 219.926



96, 8.244, 149.615



53, 0.855, 219.946



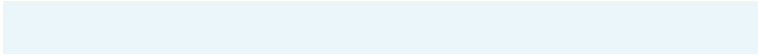
0, 0.000, 0.000



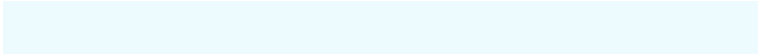
53, 0.007, 296.813

Same Dimension

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



96, 4.399, 219.751



98, 5.198, 219.761



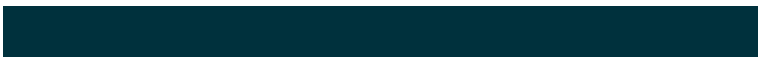
94, 5.501, 273.250



51, 3.317, 219.771



58, 35.037, 235.575



18, 15.723, 230.064

Inverse Universe

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



94, 8.175, 330.851



96, 9.691, 330.919



96, 5.483, 91.643



50, 6.196, 330.959



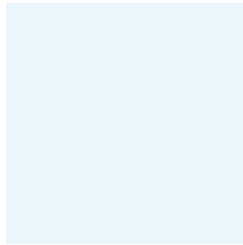
43, 78.913, 338.159



11, 36.385, 336.663

Previews

White Background



This preview shows how the CIE LCh color 96, 4.398, 219.781 looks on a white background.

Color Contrast Check

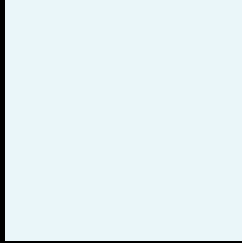
Large Text (above 18pt) WCAG AA × Fail

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 96, 4.398, 219.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

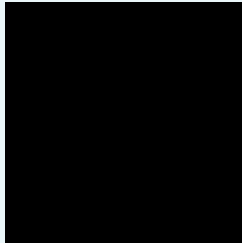
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 4.398, 219.781

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.398, 219.781.

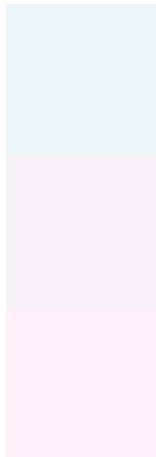


This preview shows how white text looks on a background with the CIELCh color 96, 4.398, 219.781.

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

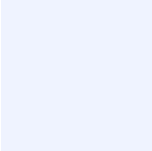
96, 4.398, 219.781

Protanopia

96, 2.946, 318.819

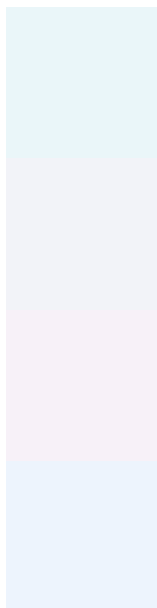
Deuteranopia

96, 7.326, 340.860



Tritanopia
96, 6.286, 278.034

Trichromacy



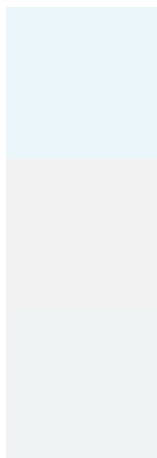
Original Color
96, 4.398, 219.781

Protanomaly
96, 2.590, 282.666

Deuteranomaly
96, 4.191, 320.561

Tritanomaly
96, 5.170, 262.775

Monochromacy



Original Color
96, 4.398, 219.781

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 1.487, 219.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.398, 219.781 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, 246, 249)` looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 249)  
}
```

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, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.398, 219.781 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, 246, 249) }
```

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

```
.border{ border-color:rgb(234, 246, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(234, 246,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.398, 219.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 249) }
```

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

```
.background{ background-color: rgb(234,  
246, 249) }
```

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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