

Converting Colors

CIELCh(96, 4.407, 199.878)

Have a look what the booklet for
CIELCh(96, 4.407, 199.878) contains.

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Color

CIELCh(96, 4.511, 199.254)

Conversions

Conversions Part 1

Format	Color
Hex	E9F6F6
RGB	233, 246, 246
RGB Percent	91%, 96%, 96%
CMY	0.0857, 0.0347, 0.0347
CMYK	0.05, 0.00, 0.00, 0.03
HSL	180°, 42%, 94%
HSV	180°, 5%, 97%
XYZ	83.3056, 90.0078, 100.2855
YIQ	242.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

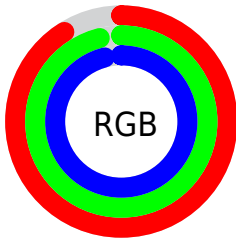
Format	Color
R _{YB}	233, 240, 246
Decimal	15333110
CIE _{Lab}	96.00, -4.26, -1.49
CIE _{LCh}	96, 4.511, 199.254
Yxy	90.0078, 0.3045, 0.3290
Android (android.graphics.Color)	4293523190 (0xFFE9F6F6)
YUV	242.1130, 1.9163, -7.9921
Hunter-Lab	94.8724, -9.2895, 3.7378

Details

The CIELCh color **96, 4.511, 199.254** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 4.665, 19.567**, 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, 4.719, 199.145** is the 20% darker color. If you saturate the color by 10%, you get **94, 12.715, 198.607**, and if you desaturate by 10%, it is **98, 3.133, 19.372**.

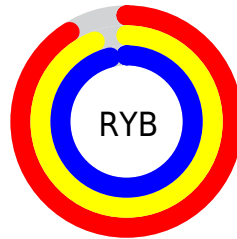
Distribution



Red (91%)

Green (96%)

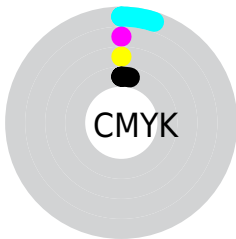
Blue (96%)



Red (91%)

Yellow (94%)

Blue (96%)

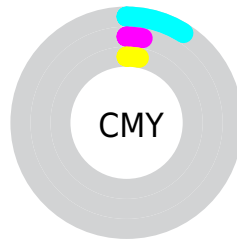


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (3%)



Cyan (9%)


Magenta (3%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 4.511, 199.254 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, 4.511, 199.254 by changing the saturation by 10% instead.

 96, 4.511, 199.254


 96, 4.511, 199.254

 100, 4.511,
199.254

 86, 4.511, 199.254

 76, 4.511, 199.254

 66, 4.511, 199.254

 56, 4.511, 199.254

 46, 4.511, 199.254

 36, 4.511, 199.254

 26, 4.511, 199.254

 16, 4.511, 199.254

 6, 4.511, 199.254

96, 4.511, 199.254

96, 4.511, 199.254

94, 12.715,
198.607

98, 3.133, 19.372

93, 20.358,
198.102

98, 3.133, 19.302

92, 27.299,
197.660

98, 3.133, 19.233

91, 33.399,
197.280

98, 3.133, 19.163

90, 38.537,
196.965

98, 3.133, 19.093

89, 42.626,
196.716

98, 3.133, 19.023

89, 45.628,
196.535

98, 3.133, 18.954

88, 47.570,
196.417

98, 3.133, 18.884

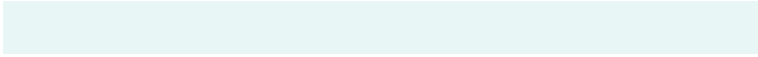
98, 3.133, 18.814

 88, 48.556,
196.355

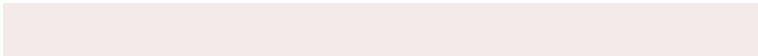
Harmonies

Complementary

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



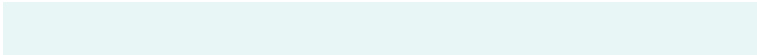
96, 4.511, 199.254



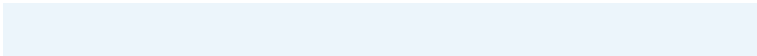
93, 4.665, 19.567

Rectangle

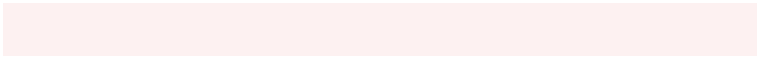
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



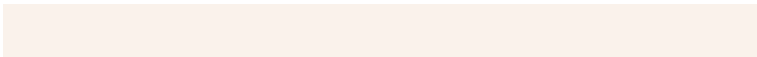
96, 4.511, 199.254



96, 4.511, 249.254



96, 4.511, 19.254



96, 4.511, 69.254

Sweetspot

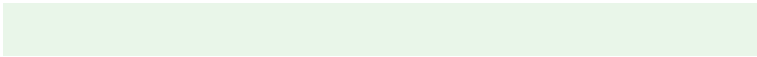
The Sweet Spot groups the original color and five complimentary colors.



96, 4.512, 199.229



100, 1.770, 199.642



96, 8.094, 143.740



53, 1.006, 199.667



0, 0.000, 0.000



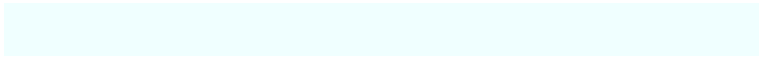
53, 0.007, 296.813

Same Dimension

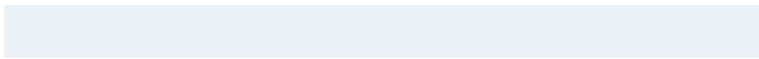
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 4.512, 199.229



99, 5.264, 199.172



94, 3.957, 254.361



51, 3.372, 199.126



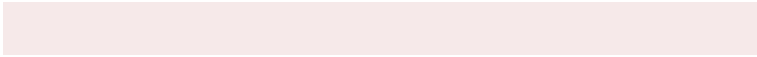
69, 39.569, 196.340



22, 17.592, 196.346

Inverse Universe

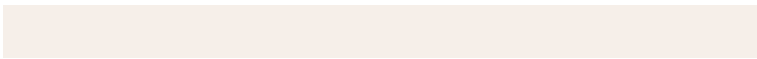
The Inverse Universe completely reimagines the original color for something new.



93, 4.665, 19.567



96, 5.468, 19.632



95, 4.000, 72.848



49, 3.516, 19.685



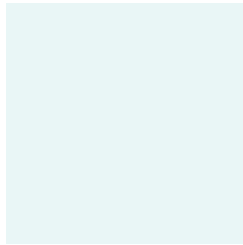
39, 82.536, 39.987



8, 31.023, 24.995

Previews

White Background



This preview shows how the CIELCh color 96, 4.511, 199.254 looks on a white background.

Color Contrast Check

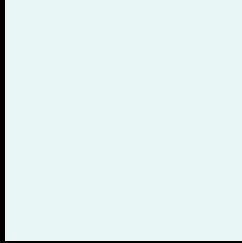
Large Text (above 18pt) WCAG AA × Fail

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, 4.511, 199.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

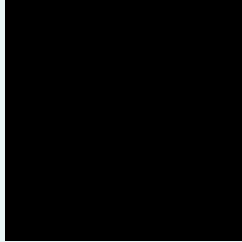
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

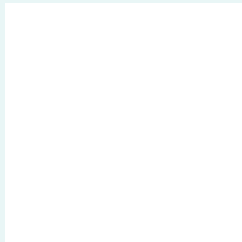
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.511, 199.254

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.511, 199.254.



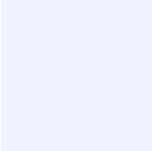
This preview shows how white text looks on a background with the CIELCh color 96, 4.511, 199.254.

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](#).

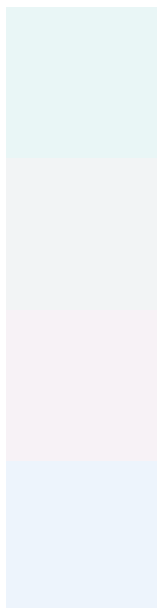
Dichromacy





Tritanopia
96, 6.286, 278.034

Trichromacy



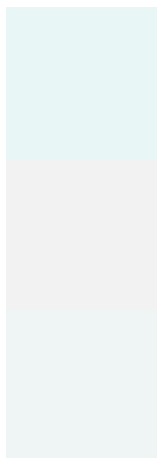
Original Color
96, 4.511, 199.254

Protanomaly
96, 0.867, 236.449

Deuteranomaly
96, 2.725, 330.522

Tritanomaly
96, 4.726, 259.800

Monochromacy



Original Color
96, 4.511, 199.254

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 1.750, 199.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.511, 199.254 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(233, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(233, 246, 246)  
}
```

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(233, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 246, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.511, 199.254 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(233, 246, 246) }
```

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

```
.border{ border-color:rgb(233, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(233, 246,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.511, 199.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 246, 246) }
```

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

```
.background{ background-color: rgb(233,  
246, 246) }
```

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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