

Converting Colors

CIELCh(96, 3.060, 237.927)

Have a look what the booklet for
CIELCh(96, 3.060, 237.927) contains.

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Color

CIELCh(96, 2.859, 232.049)

Conversions

Conversions Part 1

Format	Color
Hex	EEF5F8
RGB	238, 245, 248
RGB Percent	93%, 96%, 97%
CMY	0.0678, 0.0404, 0.0286
CMYK	0.04, 0.01, 0.00, 0.03
HSL	198°, 41%, 95%
HSV	198°, 4%, 97%
XYZ	84.6184, 90.0078, 101.4759
YIQ	243.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

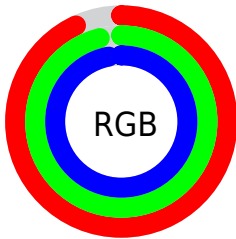
Format	Color
R _Y B	238, 242, 248
Decimal	15660536
CIE Lab	96.00, -1.76, -2.25
CIE LCh	96, 2.859, 232.049
Yxy	90.0078, 0.3065, 0.3260
Android (android.graphics.Color)	4293850616 (0xFFEEF5F8)
YUV	243.2490, 2.3422, -4.6034
Hunter-Lab	94.8724, -6.8195, 2.9939

Details

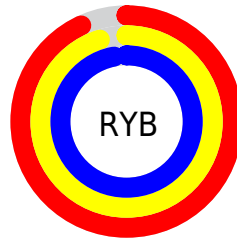
The CIELCh color **96, 2.859, 232.049** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 2.913, 51.039**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 2.993, 232.087** is the 20% darker color. If you saturate the color by 10%, you get **92, 9.730, 232.696**, and if you desaturate by 10%, it is **99, 2.447, 85.500**.

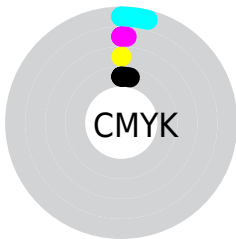
Distribution



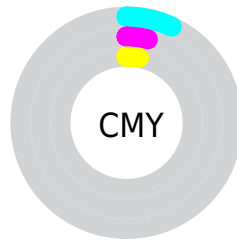
- Red (93%)
- Green (96%)
- Blue (97%)



- Red (93%)
- Yellow (95%)
- Blue (97%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (4%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.859, 232.049 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, 2.859, 232.049 by changing the saturation by 10% instead.

 96, 2.859, 232.049

 96, 2.859, 232.049

 100, 2.859,
232.049

 86, 2.859, 232.049

 76, 2.859, 232.049

 66, 2.859, 232.049

 56, 2.859, 232.049

 46, 2.859, 232.049

 36, 2.859, 232.049

 26, 2.859, 232.049

 16, 2.859, 232.049

 6, 2.859, 232.049

96, 2.859, 232.049

96, 2.859, 232.049

92, 9.730, 232.696

99, 2.447, 85.500

89, 16.252,
233.748

100, 3.690,
109.881

86, 22.339,
235.108

82, 27.908,
236.843

79, 32.882,
239.038

76, 37.213,
241.786

73, 40.901,
245.176

71, 44.021,
249.264

■ 69, 46.733,
254.028

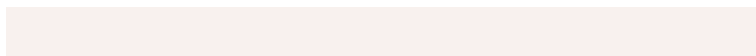
Harmonies

Complementary

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



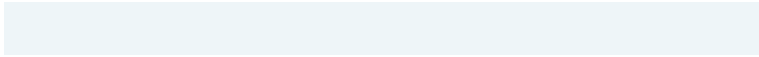
96, 2.859, 232.049



95, 2.913, 51.039

Rectangle

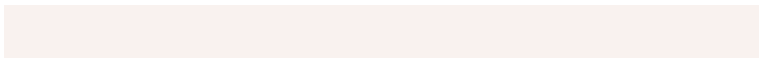
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 2.859, 232.049



96, 2.859, 282.049



96, 2.859, 52.049



96, 2.859, 102.049

Sweetspot

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



96, 2.859, 232.000



100, 0.733, 232.402



97, 5.105, 153.426



53, 0.417, 232.442



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, 2.859, 232.000



98, 3.619, 232.033



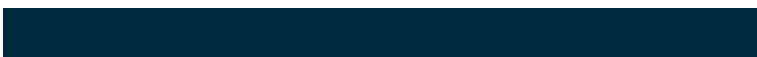
95, 4.089, 279.903



51, 2.425, 232.066



52, 39.052, 256.126



16, 16.746, 248.757

Inverse Universe

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



95, 5.070, 334.467



97, 6.435, 334.548



97, 4.054, 98.874



50, 4.320, 334.604



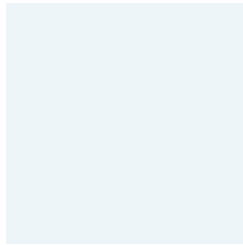
42, 73.608, 344.888



10, 34.147, 342.193

Previews

White Background



This preview shows how the CIELCh color 96, 2.859, 232.049 looks on a white background.

Color Contrast Check

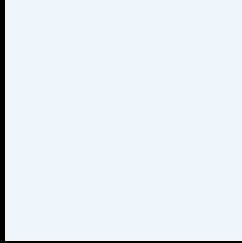
Large Text (above 18pt) WCAG AA × Fail

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 96, 2.859, 232.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

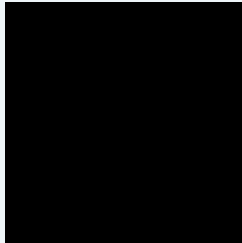
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

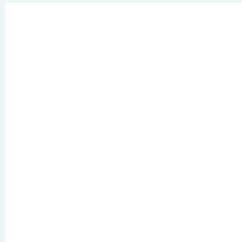
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.859, 232.049

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.859, 232.049.

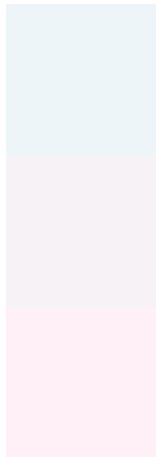


This preview shows how white text looks on a background with the CIELCh color 96, 2.859, 232.049.

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, 2.859, 232.049

Protanopia

96, 2.725, 330.522

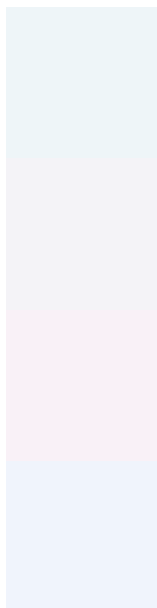
Deuteranopia

96, 7.016, 344.104



Tritanopia
96, 6.184, 284.270

Trichromacy



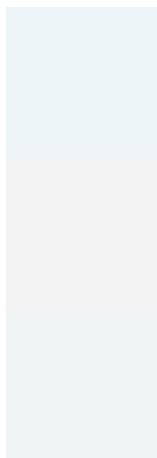
Original Color
96, 2.859, 232.049

Protanomaly
96, 2.094, 299.993

Deuteranomaly
96, 4.199, 332.457

Tritanomaly
96, 4.310, 271.796

Monochromacy



Original Color
96, 2.859, 232.049

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.166, 226.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 2.859, 232.049 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, 245, 248)` looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 248)  
}
```

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, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.859, 232.049 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, 245, 248) }
```

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

```
.border{ border-color:rgb(238, 245, 248) }
```

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

Here you see how a box with a 4 pixel rgb(238, 245, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 245, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 245, 248);  
box-shadow:4px 4px 4px 4px rgb(238, 245,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.859, 232.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 248) }
```

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

```
.background{ background-color: rgb(238,  
245, 248) }
```

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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