

Converting Colors

CIE LCh(93, 2.263, 252.301)

Have a look what the booklet for
CIELCh(93, 2.263, 252.301) contains.

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Color

CIELCh(93, 2.483, 256.003)

Conversions

Conversions Part 1

Format	Color
Hex	E7EBEF
RGB	231, 235, 239
RGB Percent	91%, 92%, 94%
CMY	0.0925, 0.0768, 0.0611
CMYK	0.03, 0.02, 0.00, 0.06
HSL	210°, 20%, 92%
HSV	210°, 3%, 94%
XYZ	78.5557, 82.9670, 93.8561
YIQ	234.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

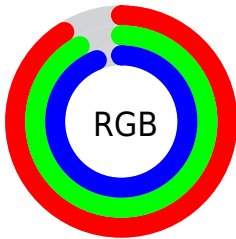
Format	Color
R _Y B	231, 234, 239
Decimal	15199215
CIE Lab	93.00, -0.60, -2.41
CIE LCh	93, 2.483, 256.003
Yxy	82.9670, 0.3076, 0.3249
Android (android.graphics.Color)	4293389295 (0xFFE7EBEF)
YUV	234.2600, 2.3368, -2.8590
Hunter-Lab	91.0862, -5.4569, 2.6674

Details

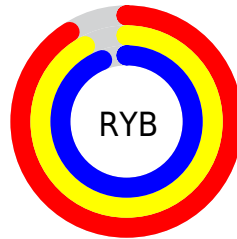
The CIELCh color **93, 2.483, 256.003** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 2.487, 74.793**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 2.608, 256.088** is the 20% darker color. If you saturate the color by 10%, you get **88, 9.843, 257.217**, and if you desaturate by 10%, it is **98, 4.861, 75.747**.

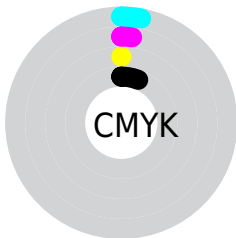
Distribution



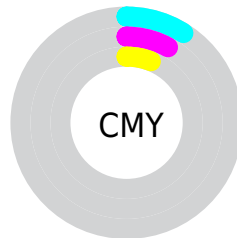
- Red (91%)
- Green (92%)
- Blue (94%)



- Red (91%)
- Yellow (92%)
- Blue (94%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.483, 256.003 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 93, 2.483, 256.003 by changing the saturation by 10% instead.

■ 93, 2.483, 256.003

■ 93, 2.483, 256.003

■ 100, 2.483,
256.003

■ 83, 2.483, 256.003

■ 73, 2.483, 256.003

■ 63, 2.483, 256.003

■ 53, 2.483, 256.003

■ 43, 2.483, 256.003

■ 33, 2.483, 256.003

■ 23, 2.483, 256.003

■ 13, 2.483, 256.003

■ 3, 2.483, 256.003

93, 2.483, 256.003

93, 2.483, 256.003

88, 9.843, 257.217

98, 4.861, 75.747

84, 17.120,
258.853

100, 7.889,
109.578

79, 24.283,
260.817

74, 31.311,
263.163

70, 38.195,
265.951

66, 44.954,
269.230

61, 51.643,
273.013

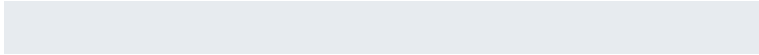
57, 58.359,
277.250

■ 54, 65.216,
281.800

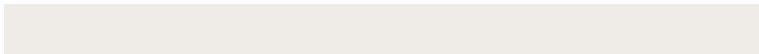
Harmonies

Complementary

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



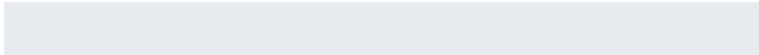
93, 2.483, 256.003



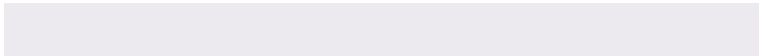
93, 2.487, 74.793

Rectangle

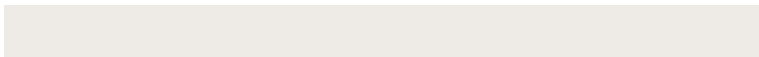
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 2.483, 256.003



93, 2.483, 306.003



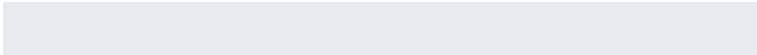
93, 2.483, 76.003



93, 2.483, 126.003

Sweetspot

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



93, 2.482, 255.951



99, 0.788, 256.049



94, 3.553, 162.623



53, 0.448, 256.072



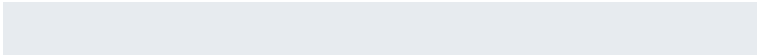
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 2.482, 255.951



98, 3.124, 256.009



92, 4.077, 289.863



49, 2.109, 256.082



40, 56.351, 284.002



10, 21.360, 276.285

Inverse Universe

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



92, 3.541, 343.768



97, 4.463, 343.846



94, 4.028, 109.165



49, 3.017, 343.923



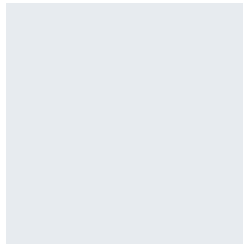
39, 66.224, 1.933



8, 29.449, 355.526

Previews

White Background



This preview shows how the CIELCh color 93, 2.483, 256.003 looks on a white background.

Color Contrast Check

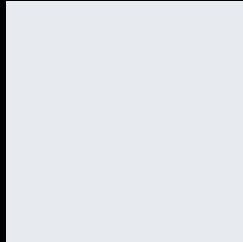
Large Text (above 18pt) WCAG AA × Fail

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 93, 2.483, 256.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

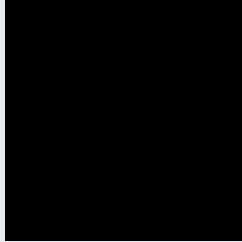
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

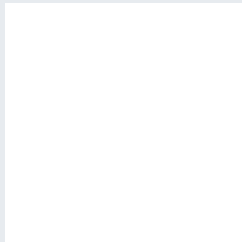
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.483, 256.003

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.483, 256.003.

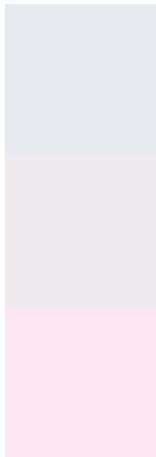


This preview shows how white text looks on a background with the CIELCh color 93, 2.483, 256.003.

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
93, 2.483, 256.003

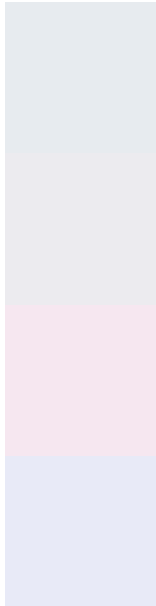
Protanopia
93, 2.524, 324.418

Deuteranopia
93, 11.758, 345.534



Tritanopia
93, 9.819, 290.957

Trichromacy



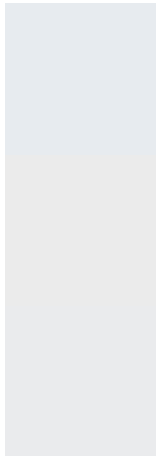
Original Color
93, 2.483, 256.003

Protanomaly
93, 2.107, 299.997

Deuteranomaly
93, 7.099, 339.030

Tritanomaly
93, 6.741, 284.829

Monochromacy



Original Color
93, 2.483, 256.003

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.094, 271.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.483, 256.003 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(231, 235, 239)` looks like.

```
.text, #text, p{  
    color:rgb(231, 235, 239)  
}
```

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(231, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 235, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.483, 256.003 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(231, 235, 239) }
```

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

```
.border{ border-color:rgb(231, 235, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 235, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 235, 239);  
box-shadow:4px 4px 4px 4px rgb(231, 235,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.483, 256.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 235, 239) }
```

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

```
.background{ background-color: rgb(231,  
235, 239) }
```

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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