

Converting Colors

CIELCh(93, 4.315, 281.896)

Have a look what the booklet for
CIELCh(93, 4.315, 281.896) contains.

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Color

CIELCh(93, 4.181, 280.921)

Conversions

Conversions Part 1

Format	Color
Hex	E9EBF3
RGB	233, 235, 243
RGB Percent	91%, 92%, 95%
CMY	0.0875, 0.0796, 0.0483
CMYK	0.04, 0.03, 0.00, 0.05
HSL	228°, 29%, 93%
HSV	228°, 4%, 95%
XYZ	79.2572, 82.9670, 96.3874
YIQ	235.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

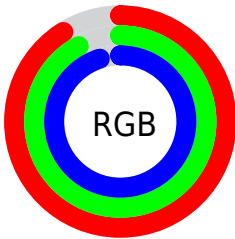
Format	Color
R_{YB}	233, 235, 243
Decimal	15330291
CIE _{Lab}	93.00, 0.79, -4.11
CIE _{LCh}	93, 4.181, 280.921
Yxy	82.9670, 0.3065, 0.3208
Android (android.graphics.Color)	4293520371 (0xFFE9EBF3)
YUV	235.3140, 3.7892, -2.0294
Hunter-Lab	91.0862, -4.0821, 1.0197

Details

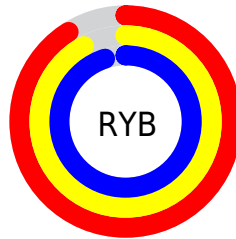
The CIELCh color **93, 4.181, 280.921** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 4.142, 99.871**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 4.397, 281.050** is the 20% darker color. If you saturate the color by 10%, you get **86, 14.508, 282.158**, and if you desaturate by 10%, it is **99, 5.784, 106.583**.

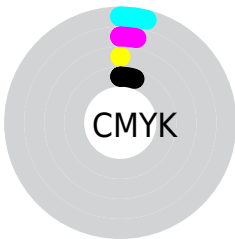
Distribution



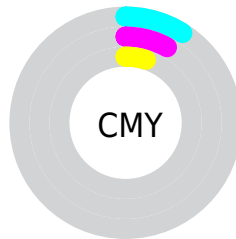
- Red (91%)
- Green (92%)
- Blue (95%)



- Red (91%)
- Yellow (92%)
- Blue (95%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.181, 280.921 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, 4.181, 280.921 by changing the saturation by 10% instead.

■ 93, 4.181, 280.921

■ 93, 4.181, 280.921

■ 100, 4.181,
280.921

■ 83, 4.181, 280.921

■ 73, 4.181, 280.921

■ 63, 4.181, 280.921

■ 53, 4.181, 280.921

■ 43, 4.181, 280.921

■ 33, 4.181, 280.921

■ 23, 4.181, 280.921

■ 13, 4.181, 280.921

■ 3, 4.181, 280.921

93, 4.181, 280.921

93, 4.181, 280.921

86, 14.508,
282.158

99, 5.784, 106.583

80, 25.152,
283.662

100, 6.228,
109.700

73, 36.138,
285.427

66, 47.500,
287.489

60, 59.271,
289.871

53, 71.455,
292.567

47, 83.960,
295.509

42, 96.457,
298.539

■ 37,108.204,
301.406

Harmonies

Complementary

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



93, 4.181, 280.921



95, 4.142, 99.871

Rectangle

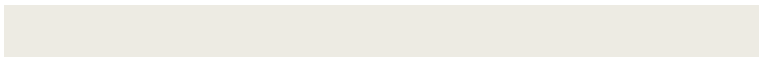
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



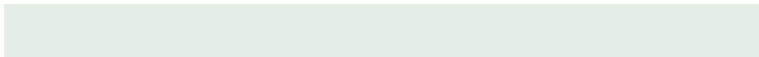
93, 4.181, 280.921



93, 4.181, 330.921



93, 4.181, 100.921



93, 4.181, 150.921

Sweetspot

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



93, 4.179, 280.899



99, 1.060, 280.670



95, 3.686, 181.776



53, 0.603, 280.674



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, 4.179, 280.899



97, 5.285, 280.998



93, 5.279, 301.409



49, 3.490, 281.077



26, 92.392, 302.441



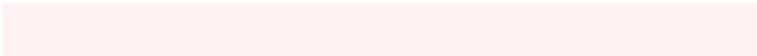
5, 34.321, 295.919

Inverse Universe

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



93, 3.726, 3.438



97, 4.719, 3.550



95, 5.218, 120.943



49, 3.119, 3.631



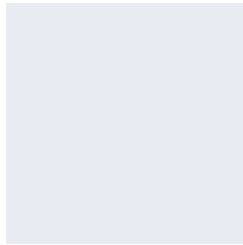
39, 73.361, 29.455



9, 29.997, 16.701

Previews

White Background



This preview shows how the CIELCh color 93, 4.181, 280.921 looks on a white background.

Color Contrast Check

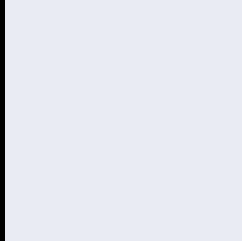
Large Text (above 18pt) WCAG AA × Fail

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, 4.181, 280.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

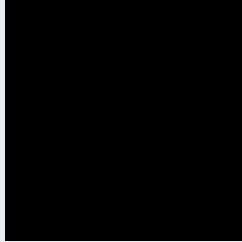
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

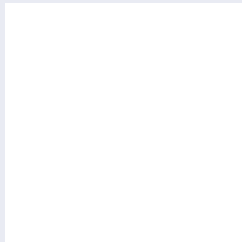
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.181, 280.921

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.181, 280.921.

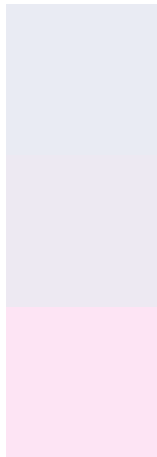


This preview shows how white text looks on a background with the CIELCh color 93, 4.181, 280.921.

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, 4.181, 280.921

Protanopia

93, 4.880, 307.254

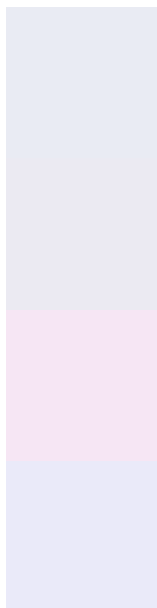
Deuteranopia

93, 12.150, 337.508



Tritanopia
93, 9.830, 292.957

Trichromacy



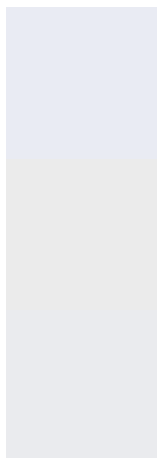
Original Color
93, 4.181, 280.921

Protanomaly
93, 4.157, 295.349

Deuteranomaly
93, 9.217, 328.390

Tritanomaly
93, 7.748, 290.796

Monochromacy



Original Color
93, 4.181, 280.921

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.591, 277.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.181, 280.921 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, 235, 243)` looks like.

```
.text, #text, p{  
    color:rgb(233, 235, 243)  
}
```

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, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 235, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.181, 280.921 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, 235, 243) }
```

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

```
.border{ border-color:rgb(233, 235, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 235, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 235, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 235, 243); box-shadow:4px 4px 4px 4px rgb(233, 235, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.181, 280.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 235, 243) }
```

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

```
.background{ background-color: rgb(233,  
235, 243) }
```

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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