

Converting Colors

CIE LCh(93, 3.144, 262.904)

Have a look what the booklet for
CIELCh(93, 3.144, 262.904) contains.

CIELCh(93, 3.382, 266.051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 3.382, 266.051)

Conversions

Conversions Part 1

Format	Color
Hex	E7EBF1
RGB	231, 235, 241
RGB Percent	91%, 92%, 95%
CMY	0.0931, 0.0774, 0.0539
CMYK	0.04, 0.02, 0.00, 0.05
HSL	216°, 27%, 93%
HSV	216°, 4%, 95%
XYZ	78.7404, 82.9670, 95.2904
YIQ	234.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

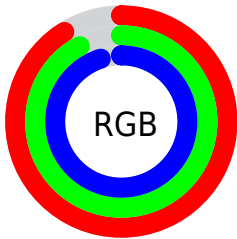
Format	Color
R _Y B	231, 234, 241
Decimal	15199217
CIE Lab	93.00, -0.23, -3.37
CIE LCh	93, 3.382, 266.051
Yxy	82.9670, 0.3064, 0.3228
Android (android.graphics.Color)	4293389297 (0xFFE7EBF1)
YUV	234.4880, 3.2104, -3.0590
Hunter-Lab	91.0862, -5.0947, 1.7338

Details

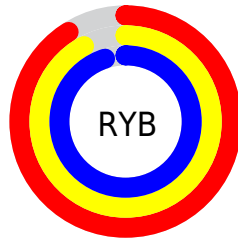
The CIELCh color **93, 3.382, 266.051** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 3.377, 84.763**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 3.554, 266.187** is the 20% darker color. If you saturate the color by 10%, you get **88, 11.556, 267.390**, and if you desaturate by 10%, it is **98, 4.675, 86.169**.

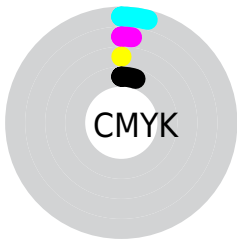
Distribution



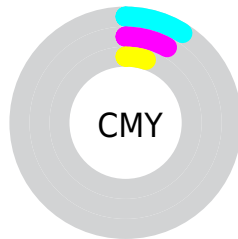
- Red (91%)
- Green (92%)
- Blue (95%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.382, 266.051 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, 3.382, 266.051 by changing the saturation by 10% instead.

93, 3.382, 266.051

93, 3.382, 266.051

100, 3.382,
266.051

83, 3.382, 266.051

73, 3.382, 266.051

63, 3.382, 266.051

53, 3.382, 266.051

43, 3.382, 266.051

33, 3.382, 266.051

23, 3.382, 266.051

13, 3.382, 266.051

3, 3.382, 266.051

■ 93, 3.382, 266.051

■ 93, 3.382, 266.051

■ 88, 11.556,
267.390

■ 98, 4.675, 86.169

■ 82, 19.782,
269.072

■ 100, 6.952,
109.647

■ 77, 28.054,
271.058

■ 72, 36.373,
273.397

■ 66, 44.758,
276.133

■ 61, 53.247,
279.294

■ 57, 61.898,
282.862

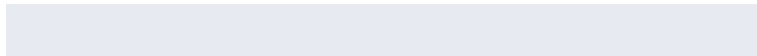
■ 52, 70.768,
286.754

■ 48,79.860,
290.799

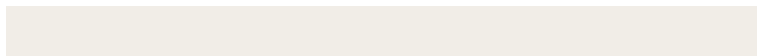
Harmonies

Complementary

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



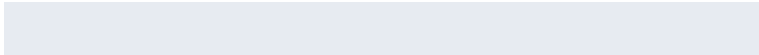
93, 3.382, 266.051



94, 3.377, 84.763

Rectangle

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



93, 3.382, 266.051



93, 3.382, 316.051



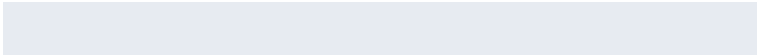
93, 3.382, 86.051



93, 3.382, 136.051

Sweetspot

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



93, 3.381, 266.017



99, 0.859, 265.914



94, 4.140, 168.159



53, 0.489, 265.929



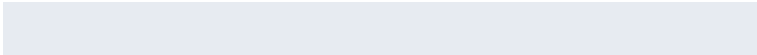
0, 0.000, 0.000



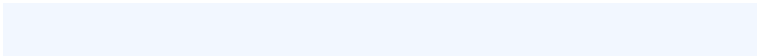
53, 0.007, 296.813

Same Dimension

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



93, 3.381, 266.017



97, 4.264, 266.116



92, 5.193, 293.816



49, 2.765, 266.198



35, 68.203, 292.372



8, 25.436, 285.612

Inverse Universe

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



93, 4.141, 349.638



97, 5.230, 349.739



95, 5.126, 113.103



48, 3.395, 349.812



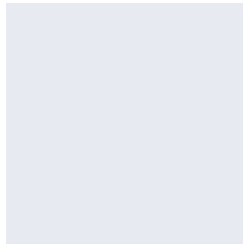
39, 66.257, 11.607



8, 28.841, 3.430

Previews

White Background



This preview shows how the CIELCh color 93, 3.382, 266.051 looks on a white background.

Color Contrast Check

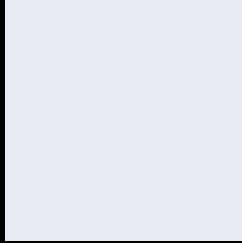
Large Text (above 18pt) WCAG AA × Fail

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 93, 3.382, 266.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

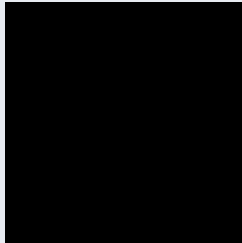
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

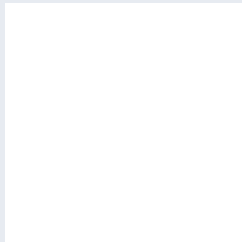
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.382, 266.051

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.382, 266.051.

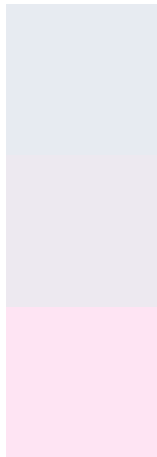


This preview shows how white text looks on a background with the CIELCh color 93, 3.382, 266.051.

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, 3.382, 266.051

Protanopia

93, 3.904, 311.604

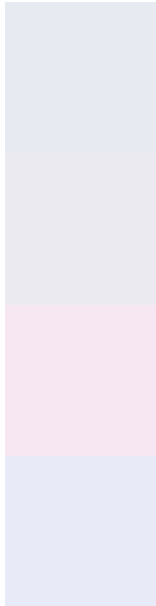
Deuteranopia

93, 12.083, 340.493



Tritanopia
93, 9.296, 288.801

Trichromacy



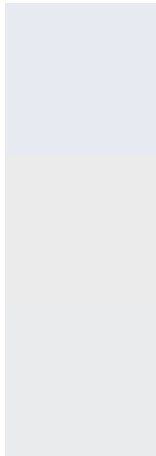
Original Color
93, 3.382, 266.051

Protanomaly
93, 3.130, 296.887

Deuteranomaly
93, 7.811, 333.327

Tritanomaly
93, 7.254, 285.296

Monochromacy



Original Color
93, 3.382, 266.051

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, 3.382, 266.051 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(231, 235, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 235, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 3.382, 266.051 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, 241) }
```

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

```
.border{ border-color:rgb(231, 235, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 235, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 235, 241);  
box-shadow:4px 4px 4px 4px rgb(231, 235,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 3.382, 266.051 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, 241) }
```

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

```
.background{ background-color: rgb(231,  
235, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor