

Converting Colors

CIELCh(93, 5.552, 132.348)

Have a look what the booklet for
CIELCh(93, 5.552, 132.348) contains.

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Color

CIELCh(93, 5.591, 132.340)

Conversions

Conversions Part 1

Format	Color
Hex	E7EDE3
RGB	231, 237, 227
RGB Percent	91%, 93%, 89%
CMY	0.0948, 0.0712, 0.1105
CMYK	0.03, 0.00, 0.04, 0.07
HSL	96°, 22%, 91%
HSV	96°, 4%, 93%
XYZ	76.9767, 82.9670, 84.5075
YIQ	234.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

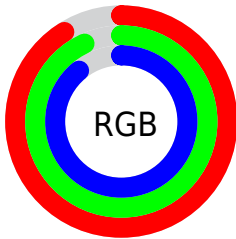
Format	Color
R _Y B	227, 237, 233
Decimal	15199715
CIE Lab	93.00, -3.77, 4.13
CIE LCh	93, 5.591, 132.340
Yxy	82.9670, 0.3149, 0.3394
Android (android.graphics.Color)	4293389795 (0xFFE7EDE3)
YUV	234.0660, -3.4835, -2.6889
Hunter-Lab	91.0862, -8.5512, 8.7526

Details

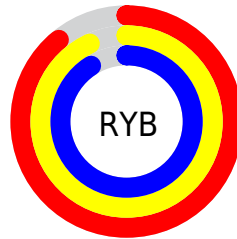
The CIELCh color **93, 5.591, 132.340** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 5.637, 312.635**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.389, 134.495** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.917, 131.882**, and if you desaturate by 10%, it is **95, 7.638, 312.695**.

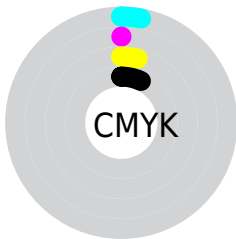
Distribution



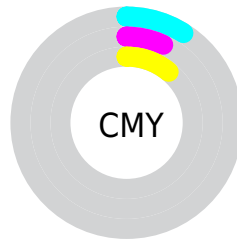
- Red (91%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.591, 132.340 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, 5.591, 132.340 by changing the saturation by 10% instead.

93, 5.591, 132.340

93, 5.591, 132.340

100, 5.591,
132.340

83, 5.591, 132.340

73, 5.591, 132.340

63, 5.591, 132.340

53, 5.591, 132.340

43, 5.591, 132.340

33, 5.591, 132.340

23, 5.591, 132.340

13, 5.591, 132.340

3, 5.591, 132.340

93, 5.591, 132.340

93, 5.591, 132.340

91, 18.917,
131.882

95, 7.638, 312.695

90, 32.238,
131.401

96, 11.332,
324.808

89, 45.423,
130.900


88, 58.283,
130.405

87, 70.545,
129.963

86, 81.828,
129.647

85, 91.623,
129.569

84, 99.348,
129.859

 84, 104.570,
130.622

Harmonies

Complementary

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



93, 5.591, 132.340



91, 5.637, 312.635

Rectangle

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



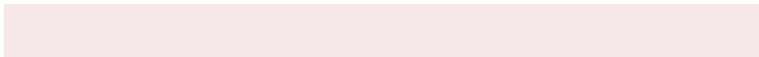
93, 5.591, 132.340



93, 5.591, 182.340



93, 5.591, 312.340



93, 5.591, 2.340

Sweetspot

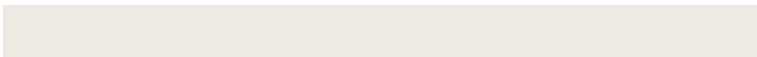
The Sweet Spot groups the original color and five complimentary colors.



93, 5.593, 132.346



100, 1.396, 132.579



92, 3.391, 84.790



53, 0.793, 132.588



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, 5.593, 132.346



99, 7.035, 132.307



93, 5.878, 147.077



49, 4.484, 132.276



65, 86.954, 130.951



19, 34.753, 130.425

Inverse Universe

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



91, 5.637, 312.635



96, 7.091, 312.673



91, 5.898, 327.462



47, 4.521, 312.704



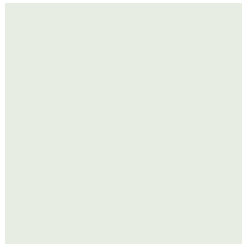
31, 94.436, 314.430



5, 38.150, 314.997

Previews

White Background



This preview shows how the CIELCh color 93, 5.591, 132.340 looks on a white background.

Color Contrast Check

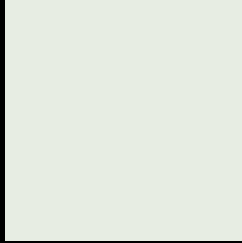
Large Text (above 18pt) WCAG AA × Fail

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, 5.591, 132.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

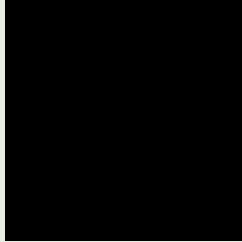
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

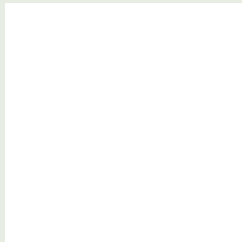
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.591, 132.340

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.591, 132.340.

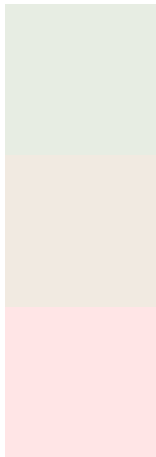


This preview shows how white text looks on a background with the CIELCh color 93, 5.591, 132.340.

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, 5.591, 132.340

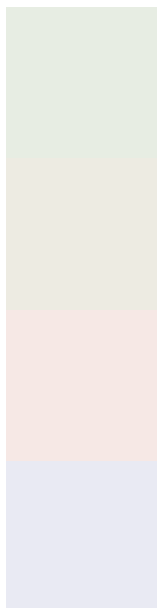
Protanopia
93, 5.256, 80.962

Deuteranopia
93, 9.448, 16.893



Tritanopia
93, 9.853, 294.955

Trichromacy



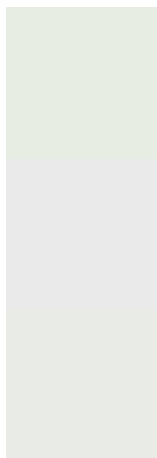
Original Color
93, 5.591, 132.340

Protanomaly
93, 4.672, 100.922

Deuteranomaly
93, 5.275, 36.603

Tritanomaly
93, 4.661, 286.270

Monochromacy



Original Color
93, 5.591, 132.340

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.179, 129.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.591, 132.340 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, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(231, 237, 227)  
}
```

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, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 237, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.591, 132.340 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, 237, 227) }
```

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

```
.border{ border-color:rgb(231, 237, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 237, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 237,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.591, 132.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 237, 227) }
```

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

```
.background{ background-color: rgb(231,  
237, 227) }
```

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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