

Converting Colors

CIELCh(93, 9.529, 122.237)

Have a look what the booklet for
CIELCh(93, 9.529, 122.237) contains.

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Color

CIELCh(93, 9.439, 120.519)

Conversions

Conversions Part 1

Format	Color
Hex	E8EDDB
RGB	232, 237, 219
RGB Percent	91%, 93%, 86%
CMY	0.0896, 0.0699, 0.1405
CMYK	0.02, 0.00, 0.08, 0.07
HSL	77°, 34%, 89%
HSV	77°, 8%, 93%
XYZ	76.4686, 82.9670, 79.1110
YIQ	233.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

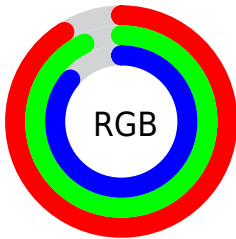
Format	Color
RYB	219, 237, 224
Decimal	15265243
CIELab	93.00, -4.79, 8.13
CIELCh	93, 9.439, 120.519
Yxy	82.9670, 0.3206, 0.3478
Android (android.graphics.Color)	4293455323 (0xFFE8EDDB)
YUV	233.4530, -7.1253, -1.2743
Hunter-Lab	91.0862, -9.5468, 12.2653

Details

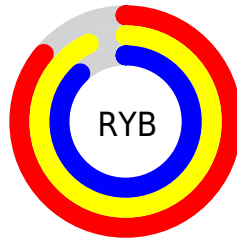
The CIELCh color **93, 9.439, 120.519** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 9.596, 301.432**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.400, 121.052** is the 20% darker color. If you saturate the color by 10%, you get **92, 21.855, 119.916**, and if you desaturate by 10%, it is **94, 3.008, 301.094**.

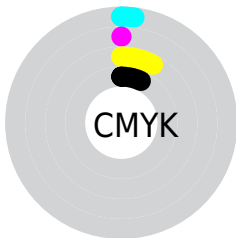
Distribution



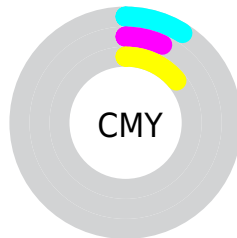
- Red (91%)
- Green (93%)
- Blue (86%)



- Red (86%)
- Yellow (93%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.439, 120.519 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, 9.439, 120.519 by changing the saturation by 10% instead.

93, 9.439, 120.519

93, 9.439, 120.519

100, 9.439,
120.519

83, 9.439, 120.519

73, 9.439, 120.519

63, 9.439, 120.519

53, 9.439, 120.519

43, 9.439, 120.519

33, 9.439, 120.519

23, 9.439, 120.519

13, 9.439, 120.519

3, 9.439, 120.519

93, 9.439, 120.519

93, 9.439, 120.519

92, 21.855,
119.916

94, 3.008, 301.094

91, 34.148,
119.302

95, 9.642, 307.924

90, 46.190,
118.706

95, 10.560,
319.944

89, 57.791,
118.162

96, 11.124,
324.800

89, 68.664,
117.723

88, 78.396,
117.465

88, 86.448,
117.489

87, 92.268,
117.904

■ 87, 95.626,
118.774

Harmonies

Complementary

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



93, 9.439, 120.519



88, 9.596, 301.432

Rectangle

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



93, 9.439, 120.519



93, 9.439, 170.519



93, 9.439, 300.519



93, 9.439, 350.519

Sweetspot

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



93, 9.441, 120.526



100, 2.629, 120.871



90, 5.404, 46.953



53, 1.495, 120.878



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, 9.441, 120.526



99, 11.870, 120.439



92, 10.566, 137.488



50, 7.127, 120.412



69, 79.336, 118.789



21, 33.034, 117.893

Inverse Universe

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



88, 9.596, 301.432



93, 12.093, 301.527



89, 10.628, 318.112



46, 7.267, 301.556



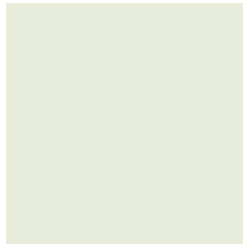
24, 101.830, 308.055



4, 38.691, 305.385

Previews

White Background



This preview shows how the CIELCh color 93, 9.439, 120.519 looks on a white background.

Color Contrast Check

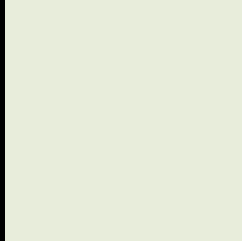
Large Text (above 18pt) WCAG AA × Fail

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, 9.439, 120.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

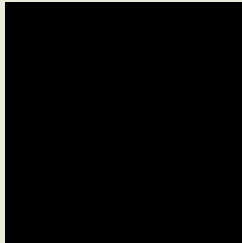
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

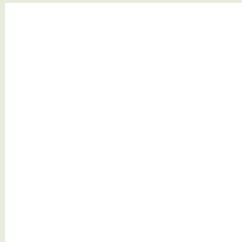
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.439, 120.519

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.439, 120.519.

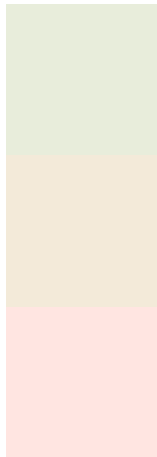


This preview shows how white text looks on a background with the CIELCh color 93, 9.439, 120.519.

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, 9.439, 120.519

Protanopia

93, 9.327, 88.709

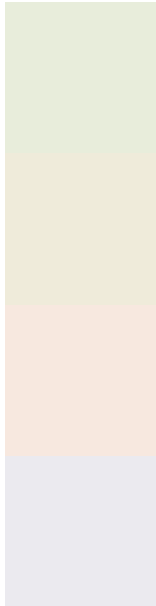
Deuteranopia

93, 9.728, 32.147



Tritanopia
93, 9.999, 300.884

Trichromacy



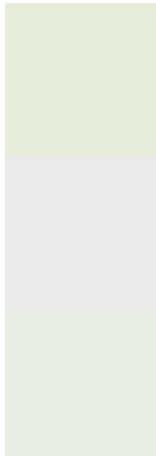
Original Color
93, 9.439, 120.519

Protanomaly
93, 8.847, 99.958

Deuteranomaly
93, 7.153, 59.856

Tritanomaly
93, 2.618, 298.131

Monochromacy



Original Color
93, 9.439, 120.519

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.171, 122.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.439, 120.519 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(232, 237, 219)` looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 219)  
}
```

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(232, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.439, 120.519 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(232, 237, 219) }
```

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

```
.border{ border-color:rgb(232, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.439, 120.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 219) }
```

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

```
.background{ background-color: rgb(232,  
237, 219) }
```

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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