

Converting Colors

CIELCh(93, 9.587, 130.393)

Have a look what the booklet for
CIELCh(93, 9.587, 130.393) contains.

CIELCh(93, 9.349, 129.797)	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, 9.349, 129.797)

Conversions

Conversions Part 1

Format	Color
Hex	E5EEDD
RGB	229, 238, 221
RGB Percent	90%, 93%, 87%
CMY	0.1023, 0.0669, 0.1336
CMYK	0.04, 0.00, 0.07, 0.07
HSL	92°, 33%, 90%
HSV	92°, 7%, 93%
XYZ	75.8827, 82.9670, 80.3694
YIQ	233.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

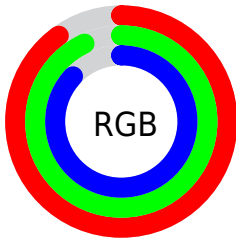
Format	Color
R _Y B	221, 238, 230
Decimal	15068893
CIE Lab	93.00, -5.98, 7.18
CIE LCh	93, 9.349, 129.797
Yxy	82.9670, 0.3172, 0.3468
Android (android.graphics.Color)	4293258973 (0xFFE5EEDD)
YUV	233.3710, -6.0989, -3.8334
Hunter-Lab	91.0862, -10.6949, 11.4462

Details

The CIELCh color **93, 9.349, 129.797** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 9.451, 310.389**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.194, 128.697** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.484, 129.333**, and if you desaturate by 10%, it is **95, 3.737, 310.173**.

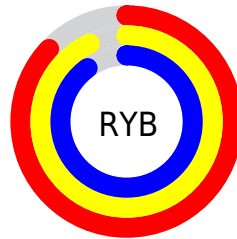
Distribution



Red (90%)

Green (93%)

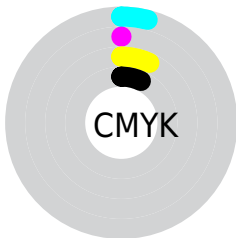
Blue (87%)



Red (87%)

Yellow (93%)

Blue (90%)

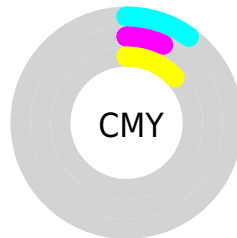


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.349, 129.797 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, 9.349, 129.797 by changing the saturation by 10% instead.

93, 9.349, 129.797

93, 9.349, 129.797

100, 9.349,
129.797

83, 9.349, 129.797

73, 9.349, 129.797

63, 9.349, 129.797

53, 9.349, 129.797

43, 9.349, 129.797

33, 9.349, 129.797

23, 9.349, 129.797

13, 9.349, 129.797

3, 9.349, 129.797

93, 9.349, 129.797

93, 9.349, 129.797

92, 22.484,
129.333

95, 3.737, 310.173

90, 35.563,
128.848

96, 10.477,
323.385

89, 48.448,
128.360

96, 10.646,
324.783

88, 60.937,
127.902

87, 72.740,
127.529

86, 83.444,
127.328

86, 92.515,
127.416

85, 99.391,
127.925

■ 84, 103.784,
128.928

Harmonies

Complementary

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



93, 9.349, 129.797



89, 9.451, 310.389

Rectangle

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



93, 9.349, 129.797



93, 9.349, 179.797



93, 9.349, 309.797



93, 9.349, 359.797

Sweetspot

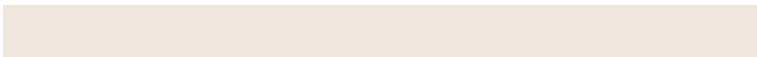
The Sweet Spot groups the original color and five complimentary colors.



93, 9.351, 129.802



100, 2.756, 130.065



92, 5.408, 76.245



53, 1.567, 130.072



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, 9.351, 129.802



99, 12.467, 129.714



92, 10.605, 144.498



50, 7.486, 129.693



67, 86.036, 128.981



20, 35.443, 127.994

Inverse Universe

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



89, 9.451, 310.389



94, 12.623, 310.478



90, 10.626, 325.255



46, 7.584, 310.499



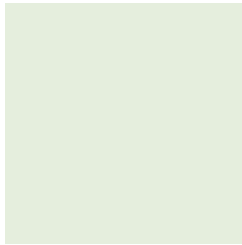
29, 96.876, 312.596



5, 39.742, 313.012

Previews

White Background



This preview shows how the CIELCh color 93, 9.349, 129.797 looks on a white background.

Color Contrast Check

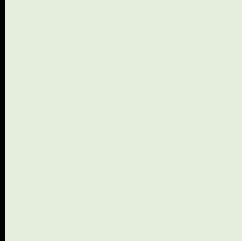
Large Text (above 18pt) WCAG AA × Fail

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, 9.349, 129.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

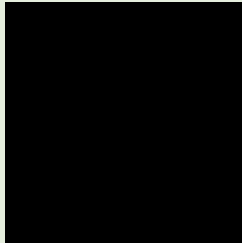
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

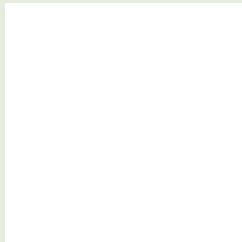
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.349, 129.797

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.349, 129.797.

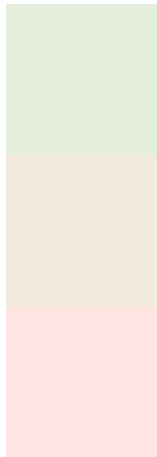


This preview shows how white text looks on a background with the CIELCh color 93, 9.349, 129.797.

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, 9.349, 129.797

Protanopia

93, 8.368, 86.358

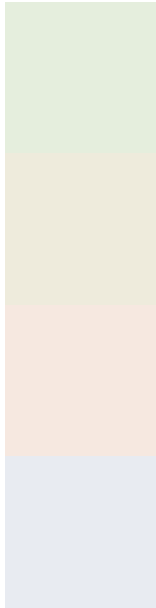
Deuteranopia

93, 9.617, 29.186



Tritanopia
93, 9.830, 292.957

Trichromacy



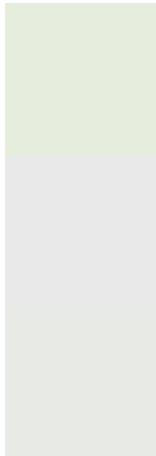
Original Color
93, 9.349, 129.797

Protanomaly
93, 7.777, 101.479

Deuteranomaly
93, 6.534, 58.557

Tritanomaly
93, 3.260, 271.679

Monochromacy



Original Color
93, 9.349, 129.797

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 3.274, 128.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.349, 129.797 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(229, 238, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 238, 221)  
}
```

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(229, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 238, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.349, 129.797 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(229, 238, 221) }
```

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

```
.border{ border-color:rgb(229, 238, 221) }
```

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

Here you see how a box with a 4 pixel rgb(229, 238, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 238,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.349, 129.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 238, 221) }
```

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

```
.background{ background-color: rgb(229,  
238, 221) }
```

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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