

Converting Colors

CIELCh(93, 9.726, 129.041)

Have a look what the booklet for
CIELCh(93, 9.726, 129.041) contains.

CIELCh(93, 9.833, 128.748)	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, 9.833, 128.748)

Conversions

Conversions Part 1

Format	Color
Hex	E5EEDC
RGB	229, 238, 220
RGB Percent	90%, 93%, 86%
CMY	0.1020, 0.0667, 0.1373
CMYK	0.04, 0.00, 0.08, 0.07
HSL	90°, 35%, 90%
HSV	90°, 8%, 93%
XYZ	75.7991, 82.9670, 79.7231
YIQ	233.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

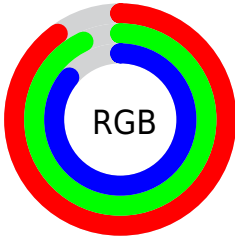
Format	Color
R_{YB}	220, 238, 229
Decimal	15068892
CIE Lab	93.00, -6.15, 7.67
CIE LCh	93, 9.833, 128.748
Yxy	82.9670, 0.3178, 0.3479
Android (android.graphics.Color)	4293258972 (0xFFE5EEDC)
YUV	233.2570, -6.5357, -3.7334
Hunter-Lab	91.0862, -10.8588, 11.8669

Details

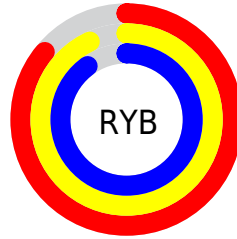
The CIELCh color **93, 9.833, 128.748** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 9.951, 309.397**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.706, 127.627** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.873, 128.277**, and if you desaturate by 10%, it is **94, 3.172, 309.133**.

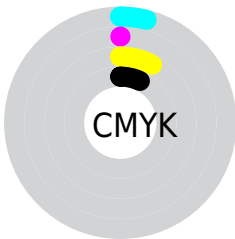
Distribution



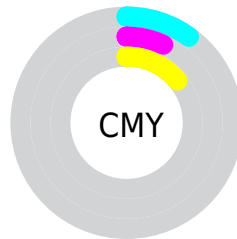
- Red (90%)
- Green (93%)
- Blue (86%)



- Red (86%)
- Yellow (93%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.833, 128.748 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, 9.833, 128.748 by changing the saturation by 10% instead.

93, 9.833, 128.748

93, 9.833, 128.748

100, 9.833,
128.748

83, 9.833, 128.748

73, 9.833, 128.748

63, 9.833, 128.748

53, 9.833, 128.748

43, 9.833, 128.748

33, 9.833, 128.748

23, 9.833, 128.748

13, 9.833, 128.748

3, 9.833, 128.748

93, 9.833, 128.748

93, 9.833, 128.748

92, 22.873,
128.277

94, 3.172, 309.133

90, 35.844,
127.788

96, 10.191,
321.165

89, 48.610,
127.301

96, 10.605,
324.781

88, 60.968,
126.850

87, 72.627,
126.492

86, 83.170,
126.314

86, 92.063,
126.436

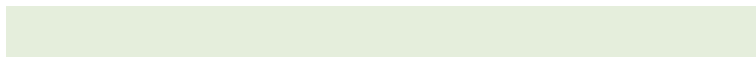
85, 98.750,
126.987

■ 85,102.981,
128.032

Harmonies

Complementary

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



93, 9.833, 128.748



89, 9.951, 309.397

Rectangle

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



93, 9.833, 128.748



93, 9.833, 178.748



93, 9.833, 308.748



93, 9.833, 358.748

Sweetspot

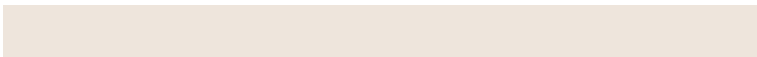
The Sweet Spot groups the original color and five complimentary colors.



93, 9.835, 128.753



100, 2.738, 129.038



91, 5.666, 74.422



53, 1.556, 129.045



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, 9.835, 128.753



99, 12.381, 128.683



92, 11.361, 144.026



50, 7.435, 128.662



67, 85.234, 128.041



20, 35.134, 127.007

Inverse Universe

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



89, 9.951, 309.397



93, 12.546, 309.468



90, 11.382, 324.833



46, 7.538, 309.489



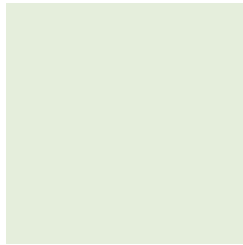
29, 97.491, 311.905



5, 39.633, 312.070

Previews

White Background



This preview shows how the CIELCh color 93, 9.833, 128.748 looks on a white background.

Color Contrast Check

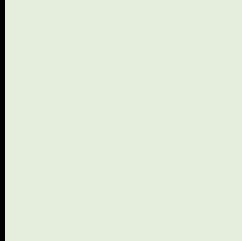
Large Text (above 18pt) WCAG AA × Fail

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, 9.833, 128.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

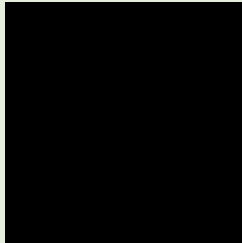
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

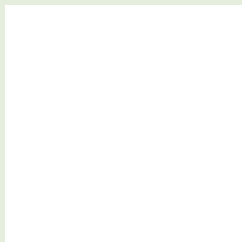
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.833, 128.748

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.833, 128.748.

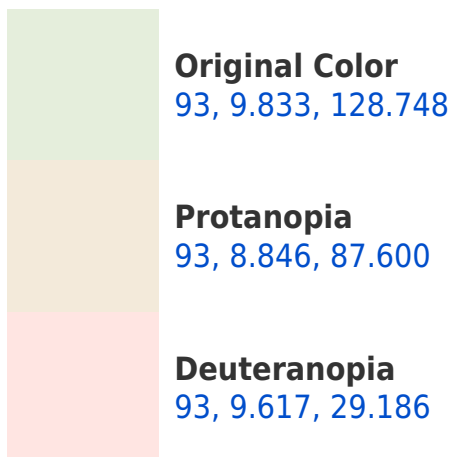



This preview shows how white text looks on a background with the CIELCh color 93, 9.833, 128.748.

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](#).

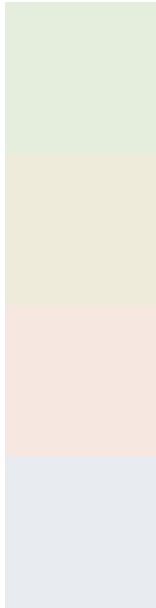
Dichromacy





Tritanopia
93, 9.830, 292.957

Trichromacy



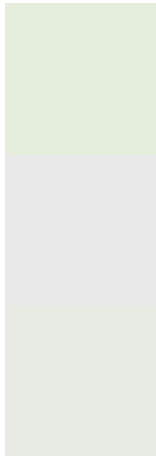
Original Color
93, 9.833, 128.748

Protanomaly
93, 8.287, 101.926

Deuteranomaly
93, 6.534, 58.557

Tritanomaly
93, 2.777, 268.184

Monochromacy



Original Color
93, 9.833, 128.748

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 3.765, 126.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.833, 128.748 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(229, 238, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 238, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.833, 128.748 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, 220) }
```

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

```
.border{ border-color:rgb(229, 238, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 238, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 238, 220);  
box-shadow:4px 4px 4px 4px rgb(229, 238,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.833, 128.748 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, 220) }
```

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

```
.background{ background-color: rgb(229,  
238, 220) }
```

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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