

Converting Colors

CIELCh(93, 8.633, 118.908)

Have a look what the booklet for
CIELCh(93, 8.633, 118.908) contains.

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Color

CIELCh(93, 8.864, 118.895)

Conversions

Conversions Part 1

Format	Color
Hex	E9EDDC
RGB	233, 237, 220
RGB Percent	91%, 93%, 86%
CMY	0.0867, 0.0710, 0.1377
CMYK	0.02, 0.00, 0.07, 0.07
HSL	74°, 32%, 90%
HSV	74°, 7%, 93%
XYZ	76.7206, 82.9670, 79.6015
YIQ	233.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

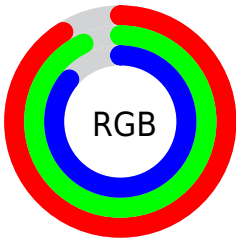
Format	Color
RYB	220, 237, 224
Decimal	15330780
CIELab	93.00, -4.28, 7.76
CIELCh	93, 8.864, 118.895
Yxy	82.9670, 0.3206, 0.3467
Android (android.graphics.Color)	4293520860 (0xFFE9EDDC)
YUV	233.8660, -6.8359, -0.7595
Hunter-Lab	91.0862, -9.0530, 11.9460

Details

The CIELCh color **93, 8.864, 118.895** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 9.011, 299.827**, 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, 8.791, 119.372** is the 20% darker color. If you saturate the color by 10%, you get **92, 21.194, 118.250**, and if you desaturate by 10%, it is **94, 3.503, 299.524**.

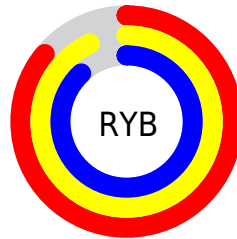
Distribution



Red (91%)

Green (93%)

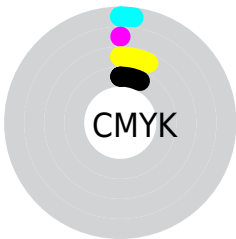
Blue (86%)



Red (86%)

Yellow (93%)

Blue (88%)

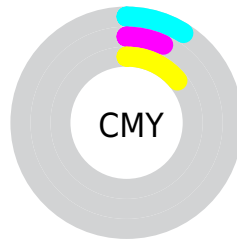


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.864, 118.895 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, 8.864, 118.895 by changing the saturation by 10% instead.

 93, 8.864, 118.895

 93, 8.864, 118.895

 100, 8.864,
118.895

 83, 8.864, 118.895

 73, 8.864, 118.895

 63, 8.864, 118.895

 53, 8.864, 118.895

 43, 8.864, 118.895

 33, 8.864, 118.895

 23, 8.864, 118.895

 13, 8.864, 118.895

 3, 8.864, 118.895

93, 8.864, 118.895

93, 8.864, 118.895

92, 21.194,
118.250

94, 3.503, 299.524

91, 33.395,
117.593

95, 9.680, 305.670

90, 45.346,
116.954

95, 10.359,
316.108

90, 56.858,
116.365

96, 11.297,
324.807

89, 67.648,
115.876

89, 77.306,
115.559

88, 85.295,
115.505

88, 91.056,
115.818

■ 87, 94.324,
116.561

Harmonies

Complementary

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



93, 8.864, 118.895



88, 9.011, 299.827

Rectangle

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



93, 8.864, 118.895



93, 8.864, 168.895



93, 8.864, 298.895



93, 8.864, 348.895

Sweetspot

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



93, 8.866, 118.903



100, 2.615, 119.241



90, 5.158, 43.037



53, 1.486, 119.248



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

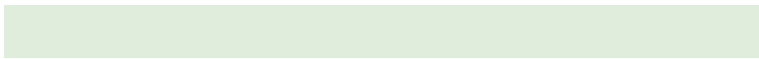
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 8.866, 118.903



99, 11.802, 118.782



92, 9.879, 136.489



49, 6.963, 118.755



68, 77.586, 116.598



20, 31.405, 116.045

Inverse Universe

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



88, 9.011, 299.827



93, 12.034, 299.959



89, 9.942, 317.061



45, 7.105, 299.989



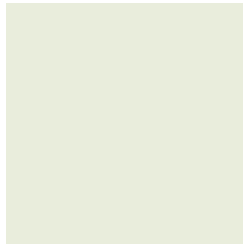
23, 101.420, 307.597



3, 36.368, 303.340

Previews

White Background



This preview shows how the CIE LCh color 93, 8.864, 118.895 looks on a white background.

Color Contrast Check

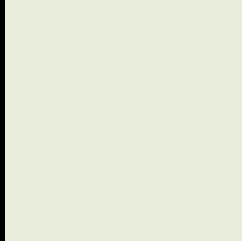
Large Text (above 18pt) WCAG AA × Fail

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, 8.864, 118.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

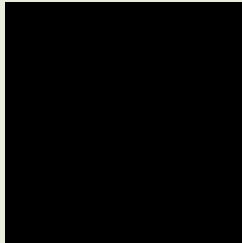
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

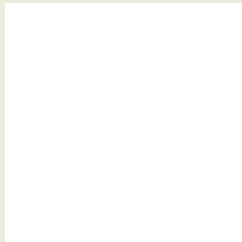
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.864, 118.895

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.864, 118.895.

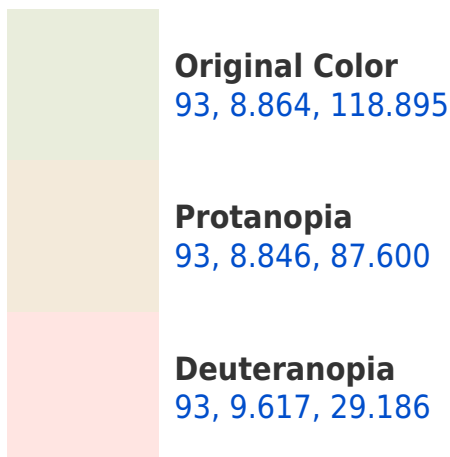


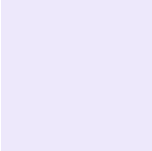
This preview shows how white text looks on a background with the CIELCh color 93, 8.864, 118.895.

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](#).

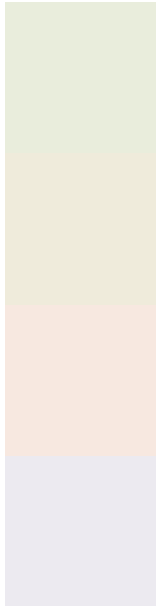
Dichromacy





Tritanopia
93, 9.999, 300.884

Trichromacy



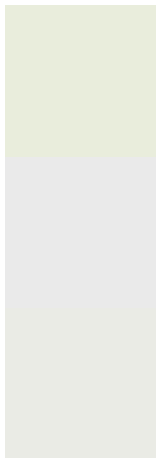
Original Color
93, 8.864, 118.895

Protanomaly
93, 8.340, 99.430

Deuteranomaly
93, 6.825, 56.624

Tritanomaly
93, 3.193, 303.161

Monochromacy



Original Color
93, 8.864, 118.895

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.105, 116.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.864, 118.895 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(233, 237, 220)` looks like.

```
.text, #text, p{  
    color:rgb(233, 237, 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(233, 237, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 237, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.864, 118.895 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(233, 237, 220) }
```

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

```
.border{ border-color:rgb(233, 237, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 237, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 237, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 237, 220);  
box-shadow:4px 4px 4px 4px rgb(233, 237,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.864, 118.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 237, 220) }
```

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

```
.background{ background-color: rgb(233,  
237, 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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