

Converting Colors

CIELCh(92, 4.060, 122.318)

Have a look what the booklet for
CIELCh(92, 4.060, 122.318) contains.

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Color

CIELCh(92, 4.188, 119.706)

Conversions

Conversions Part 1

Format	Color
Hex	E7E9E1
RGB	231, 233, 225
RGB Percent	91%, 91%, 88%
CMY	0.0941, 0.0862, 0.1176
CMYK	0.01, 0.00, 0.03, 0.09
HSL	75°, 15%, 90%
HSV	75°, 3%, 91%
XYZ	75.6858, 80.7044, 82.8234
YIQ	231.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

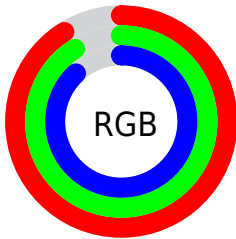
Format	Color
RYB	225, 233, 227
Decimal	15198689
CIELab	92.00, -2.08, 3.64
CIELCh	92, 4.188, 119.706
Yxy	80.7044, 0.3164, 0.3374
Android (android.graphics.Color)	4293388769 (0xFFE7E9E1)
YUV	231.4900, -3.1996, -0.4297
Hunter-Lab	89.8356, -6.8276, 8.2229

Details

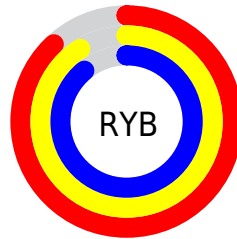
The CIELCh color **92, 4.188, 119.706** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 4.239, 300.131**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.877, 121.049** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.402, 119.087**, and if you desaturate by 10%, it is **93, 8.035, 300.314**.

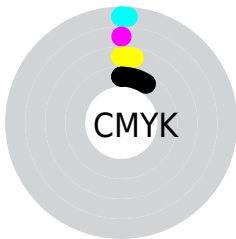
Distribution



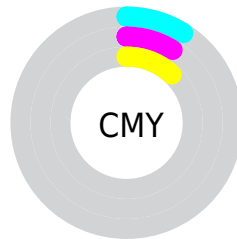
- Red (91%)
- Green (91%)
- Blue (88%)



- Red (88%)
- Yellow (91%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.188, 119.706 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 92, 4.188, 119.706 by changing the saturation by 10% instead.

■ 92, 4.188, 119.706

■ 92, 4.188, 119.706

■ 100, 4.188,
119.706

■ 82, 4.188, 119.706

■ 72, 4.188, 119.706

■ 62, 4.188, 119.706

■ 52, 4.188, 119.706

■ 42, 4.188, 119.706

■ 32, 4.188, 119.706

■ 22, 4.188, 119.706

■ 12, 4.188, 119.706

■ 2, 4.188, 119.706

92, 4.188, 119.706

92, 4.188, 119.706

91, 16.402,
119.087

93, 8.035, 300.314

90, 28.527,
118.446

94, 11.875,
307.331

89, 40.459,
117.813

94, 12.605,
316.230

89, 52.041,
117.216

95, 13.604,
324.080

88, 63.033,
116.699

95, 13.732,
324.896

87, 73.082,
116.324

87, 81.703,
116.180

86, 88.333,
116.369

■ 86, 92.540,
116.985

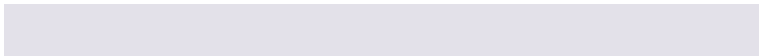
Harmonies

Complementary

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



92, 4.188, 119.706



90, 4.239, 300.131

Rectangle

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



92, 4.188, 119.706



92, 4.188, 169.706



92, 4.188, 299.706



92, 4.188, 349.706

Sweetspot

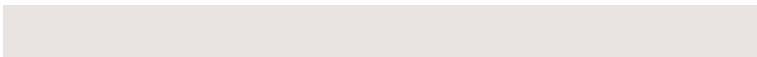
The Sweet Spot groups the original color and five complimentary colors.



92, 4.190, 119.721



100, 1.304, 119.891



91, 2.383, 45.018



53, 0.741, 119.895



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 4.190, 119.721



100, 5.251, 119.684



92, 4.673, 137.194



49, 3.486, 119.639



68, 77.899, 117.375



20, 31.504, 116.776

Inverse Universe

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



90, 4.239, 300.131



97, 5.314, 300.170



90, 4.702, 317.394



47, 3.530, 300.218



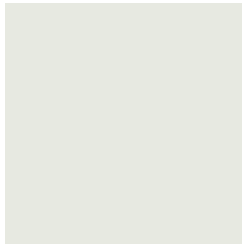
23, 101.200, 307.751



3, 36.428, 303.741

Previews

White Background



This preview shows how the CIELCh color 92, 4.188, 119.706 looks on a white background.

Color Contrast Check

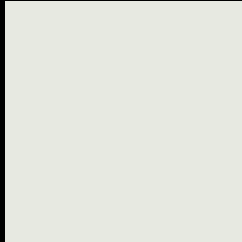
Large Text (above 18pt) WCAG AA × Fail

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 92, 4.188, 119.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

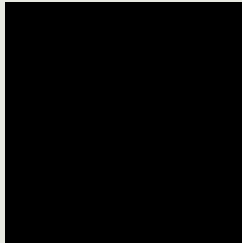
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

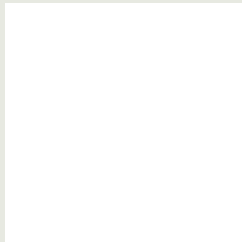
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.188, 119.706

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.188, 119.706.

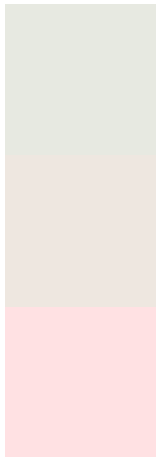


This preview shows how white text looks on a background with the CIELCh color 92, 4.188, 119.706.

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

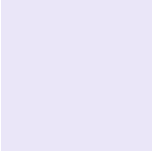
92, 4.188, 119.706

Protanopia

92, 4.388, 74.608

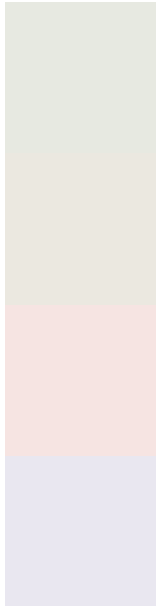
Deuteranopia

92, 10.984, 14.770



Tritanopia
92, 9.445, 299.338

Trichromacy



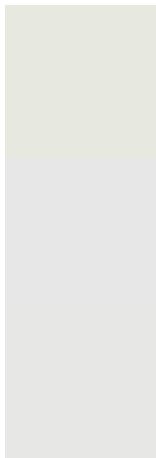
Original Color
92, 4.188, 119.706

Protanomaly
92, 4.248, 95.062

Deuteranomaly
92, 6.607, 28.718

Tritanomaly
92, 4.726, 299.091

Monochromacy



Original Color
92, 4.188, 119.706

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.584, 123.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.188, 119.706 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, 233, 225)` looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 225)  
}
```

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, 233, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.188, 119.706 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, 233, 225) }
```

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

```
.border{ border-color:rgb(231, 233, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 233, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 233, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 233, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 233,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.188, 119.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 233, 225) }
```

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

```
.background{ background-color: rgb(231,  
233, 225) }
```

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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