

Converting Colors

CIELCh(92, 4.708, 119.680)

Have a look what the booklet for
CIELCh(92, 4.708, 119.680) contains.

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Color

CIELCh(92, 4.697, 118.603)

Conversions

Conversions Part 1

Format	Color
Hex	E7E9E0
RGB	231, 233, 224
RGB Percent	91%, 91%, 88%
CMY	0.0938, 0.0860, 0.1213
CMYK	0.01, 0.00, 0.04, 0.09
HSL	73°, 17%, 90%
HSV	73°, 4%, 91%
XYZ	75.6009, 80.7044, 82.1636
YIQ	231.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

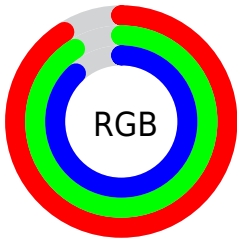
Format	Color
R_{YB}	224, 233, 226
Decimal	15198688
CIE Lab	92.00, -2.25, 4.12
CIE LCh	92, 4.697, 118.603
Yxy	80.7044, 0.3170, 0.3384
Android (android.graphics.Color)	4293388768 (0xFFE7E9E0)
YUV	231.3760, -3.6364, -0.3298
Hunter-Lab	89.8356, -6.9962, 8.6584

Details

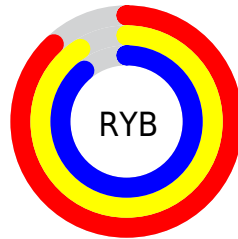
The CIELCh color **92, 4.697, 118.603** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 4.756, 299.112**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.411, 119.642** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.866, 117.954**, and if you desaturate by 10%, it is **93, 7.490, 299.247**.

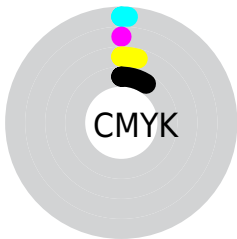
Distribution



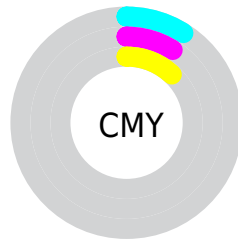
- Red (91%)
- Green (91%)
- Blue (88%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.697, 118.603 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, 4.697, 118.603 by changing the saturation by 10% instead.

■ 92, 4.697, 118.603

■ 92, 4.697, 118.603

■ 100, 4.697,
118.603

■ 82, 4.697, 118.603

■ 72, 4.697, 118.603

■ 62, 4.697, 118.603

■ 52, 4.697, 118.603

■ 42, 4.697, 118.603

■ 32, 4.697, 118.603

■ 22, 4.697, 118.603

■ 12, 4.697, 118.603

■ 2, 4.697, 118.603

92, 4.697, 118.603

92, 4.697, 118.603

91, 16.866,
117.954

93, 7.490, 299.247

90, 28.938,
117.284

94, 11.719,
305.281

89, 40.808,
116.622

94, 12.297,
313.445

89, 52.313,
115.998

94, 13.100,
320.817

88, 63.211,
115.455

95, 13.688,
324.894

88, 73.140,
115.054

87, 81.608,
114.880

87, 88.049,
115.032

■ 86, 92.045,
115.594

Harmonies

Complementary

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



92, 4.697, 118.603



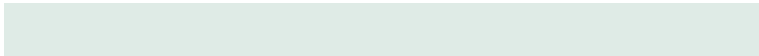
90, 4.756, 299.112

Rectangle

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



92, 4.697, 118.603



92, 4.697, 168.603



92, 4.697, 298.603



92, 4.697, 348.603

Sweetspot

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



92, 4.699, 118.617



100, 1.300, 118.816



90, 2.724, 41.096



53, 0.739, 118.820



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, 4.699, 118.617



99, 6.544, 118.541



92, 5.210, 136.136



49, 4.170, 118.497



69, 77.327, 115.913



20, 31.323, 115.404

Inverse Universe

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



90, 4.756, 299.112



96, 6.631, 299.193



90, 5.243, 316.381



47, 4.229, 299.239



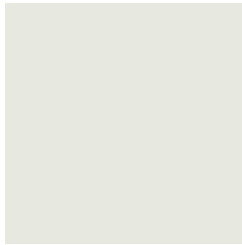
23, 101.603, 307.471



3, 36.320, 303.004

Previews

White Background



This preview shows how the CIELCh color 92, 4.697, 118.603 looks on a white background.

Color Contrast Check

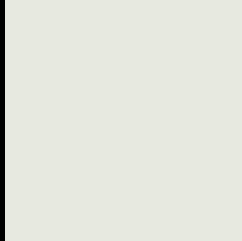
Large Text (above 18pt) WCAG AA × Fail

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, 4.697, 118.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

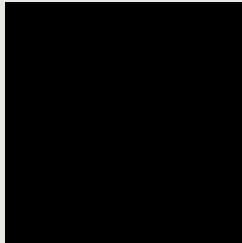
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

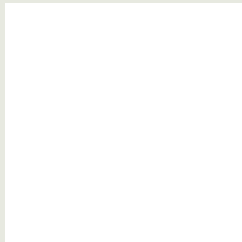
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.697, 118.603

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.697, 118.603.

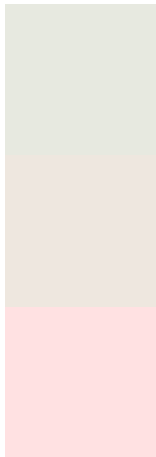


This preview shows how white text looks on a background with the CIELCh color 92, 4.697, 118.603.

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

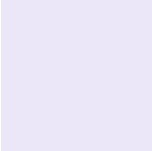
92, 4.697, 118.603

Protanopia

92, 4.821, 78.074

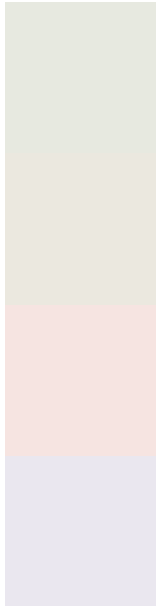
Deuteranopia

92, 10.965, 17.446



Tritanopia
92, 9.506, 301.405

Trichromacy



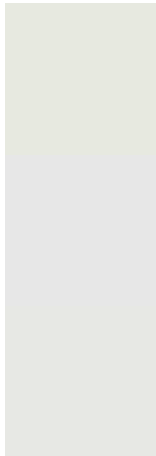
Original Color
92, 4.697, 118.603

Protanomaly
92, 4.749, 96.588

Deuteranomaly
92, 6.715, 33.042

Tritanomaly
92, 4.292, 304.738

Monochromacy



Original Color
92, 4.697, 118.603

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.090, 119.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.697, 118.603 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.697, 118.603 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, 224) }
```

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

```
.border{ border-color:rgb(231, 233, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 233, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 233, 224);  
box-shadow:4px 4px 4px 4px rgb(231, 233,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.697, 118.603 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, 224) }
```

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

```
.background{ background-color: rgb(231,  
233, 224) }
```

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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