

Converting Colors

CIELCh(92, 2.751, 118.709)

Have a look what the booklet for
CIELCh(92, 2.751, 118.709) contains.

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Color

CIELCh(92, 3.176, 122.932)

Conversions

Conversions Part 1

Format	Color
Hex	E7E9E3
RGB	231, 233, 227
RGB Percent	91%, 91%, 89%
CMY	0.0947, 0.0868, 0.1103
CMYK	0.01, 0.00, 0.03, 0.09
HSL	80°, 12%, 90%
HSV	80°, 3%, 91%
XYZ	75.8568, 80.7044, 84.1533
YIQ	231.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

Format	Color
RYB	227, 233, 229
Decimal	15198691
CIELab	92.00, -1.73, 2.67
CIElCh	92, 3.176, 122.932
Yxy	80.7044, 0.3151, 0.3353
Android (android.graphics.Color)	4293388771 (0xFFE7E9E3)
YUV	231.7180, -2.3260, -0.6297
Hunter-Lab	89.8356, -6.4879, 7.3452

Details

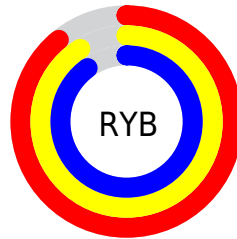
The CIELCh color **92, 3.176, 122.932** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 3.213, 303.184**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 2.820, 125.394** is the 20% darker color. If you saturate the color by 10%, you get **91, 15.548, 122.385**, and if you desaturate by 10%, it is **93, 9.178, 303.443**.

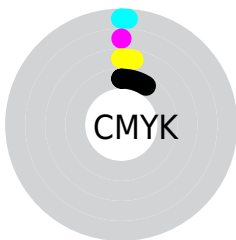
Distribution



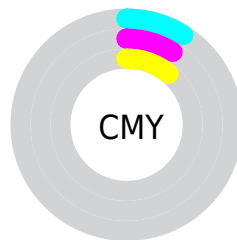
- Red (91%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (90%)



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



- Cyan (9%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.176, 122.932 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, 3.176, 122.932 by changing the saturation by 10% instead.

■ 92, 3.176, 122.932

■ 92, 3.176, 122.932

■ 100, 3.176,
122.932

■ 82, 3.176, 122.932

■ 72, 3.176, 122.932

■ 62, 3.176, 122.932

■ 52, 3.176, 122.932

■ 42, 3.176, 122.932

■ 32, 3.176, 122.932

■ 22, 3.176, 122.932

■ 12, 3.176, 122.932

■ 2, 3.176, 122.932

92, 3.176, 122.932

92, 3.176, 122.932

91, 15.548,
122.385

93, 9.178, 303.443

90, 27.857,
121.820

94, 12.396,
313.229

89, 40.002,
121.258

95, 13.662,
323.892

88, 51.828,
120.727

95, 13.819,
324.899

87, 63.104,
120.272

87, 73.493,
119.959

86, 82.526,
119.881

85, 89.646,
120.157

■ 85, 94.401,
120.891

Harmonies

Complementary

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



92, 3.176, 122.932



90, 3.213, 303.184

Rectangle

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



92, 3.176, 122.932



92, 3.176, 172.932



92, 3.176, 302.932



92, 3.176, 352.932

Sweetspot

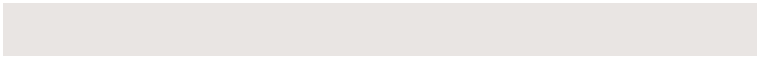
The Sweet Spot groups the original color and five complimentary colors.



92, 3.178, 122.950



100, 1.320, 123.067



91, 1.755, 55.182



53, 0.750, 123.073



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, 3.178, 122.950



100, 3.983, 122.923



92, 3.589, 139.749



49, 2.822, 122.878



67, 79.862, 121.450



20, 32.149, 120.667

Inverse Universe

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



90, 3.213, 303.184



98, 4.026, 303.211



91, 3.612, 319.848



48, 2.853, 303.257



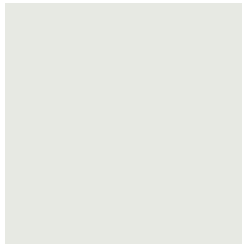
25, 99.796, 308.807



4, 36.818, 306.200

Previews

White Background



This preview shows how the CIELCh color 92, 3.176, 122.932 looks on a white background.

Color Contrast Check

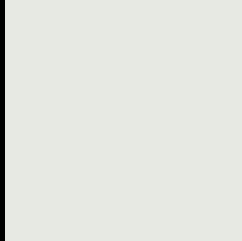
Large Text (above 18pt) WCAG AA × Fail

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, 3.176, 122.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

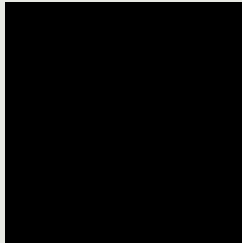
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

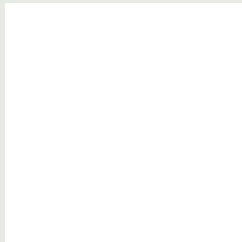
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.176, 122.932

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.176, 122.932.

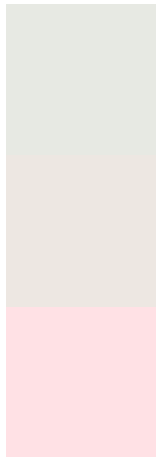


This preview shows how white text looks on a background with the CIELCh color 92, 3.176, 122.932.

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

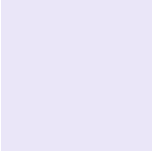
92, 3.176, 122.932

Protanopia

92, 3.345, 69.671

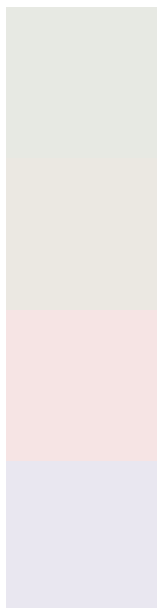
Deuteranopia

92, 11.095, 9.475



Tritanopia
92, 9.445, 299.338

Trichromacy



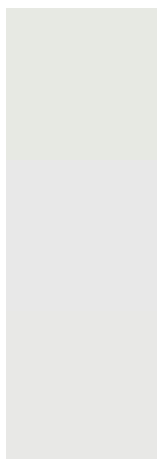
Original Color
92, 3.176, 122.932

Protanomaly
92, 3.259, 90.570

Deuteranomaly
92, 6.510, 19.766

Tritanomaly
92, 4.726, 299.091

Monochromacy



Original Color
92, 3.176, 122.932

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.022, 110.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.176, 122.932 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.176, 122.932 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, 227) }
```

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

```
.border{ border-color:rgb(231, 233, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 233, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 233, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 233,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.176, 122.932 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, 227) }
```

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

```
.background{ background-color: rgb(231,  
233, 227) }
```

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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