

Converting Colors

CIELCh(92, 2.850, 320.692)

Have a look what the booklet for
CIELCh(92, 2.850, 320.692) contains.

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Color

CIELCh(92, 2.972, 318.826)

Conversions

Conversions Part 1

Format	Color
Hex	EBE7EC
RGB	235, 231, 236
RGB Percent	92%, 91%, 93%
CMY	0.0793, 0.0949, 0.0753
CMYK	0.00, 0.02, 0.00, 0.08
HSL	288°, 12%, 91%
HSV	288°, 2%, 92%
XYZ	77.8183, 80.7044, 90.6726
YIQ	232.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

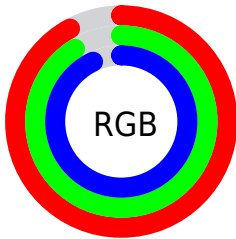
Format	Color
RYB	235, 231, 236
Decimal	15460332
CIELab	92.00, 2.24, -1.96
CIElCh	92, 2.972, 318.826
Yxy	80.7044, 0.3123, 0.3239
Android (android.graphics.Color)	4293650412 (0xFFE7E7EC)
YUV	232.7660, 1.5944, 1.9592
Hunter-Lab	89.8356, -2.5903, 3.0425

Details

The CIELCh color `92, 2.972, 318.826` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 2.947, 138.793`, 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, 3.126, 318.871` is the 20% darker color. If you saturate the color by 10%, you get `86, 17.108, 319.332`, and if you desaturate by 10%, it is `98, 10.867, 138.494`.

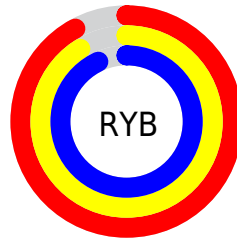
Distribution



Red (92%)

Green (91%)

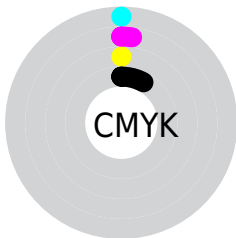
Blue (93%)



Red (92%)

Yellow (91%)

Blue (93%)

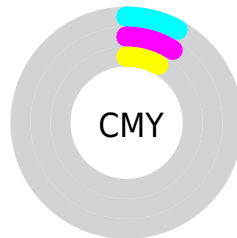


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.972, 318.826 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, 2.972, 318.826 by changing the saturation by 10% instead.

■ 92, 2.972, 318.826

■ 92, 2.972, 318.826

100, 2.972,
318.826

■ 82, 2.972, 318.826

■ 72, 2.972, 318.826

■ 62, 2.972, 318.826

■ 52, 2.972, 318.826

■ 42, 2.972, 318.826

■ 32, 2.972, 318.826

■ 22, 2.972, 318.826

■ 12, 2.972, 318.826

■ 2, 2.972, 318.826

92, 2.972, 318.826

92, 2.972, 318.826

86, 17.108,
319.332

98, 10.867,
138.494

80, 31.443,
319.789

99, 10.508,
130.853

74, 45.799,
320.233

99, 9.990, 121.948

68, 59.902,
320.646

99, 9.741, 112.250

100, 9.724,
109.441

63, 73.352,
320.998

58, 85.610,
321.252

54, 96.026,
321.363

51, 103.947,
321.284

■ 49,108.928,
320.977

Harmonies

Complementary

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



92, 2.972, 318.826



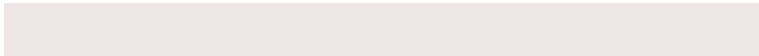
93, 2.947, 138.793

Rectangle

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



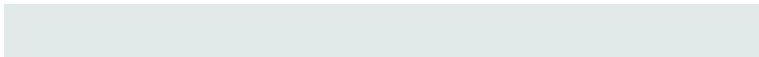
92, 2.972, 318.826



92, 2.972, 8.826



92, 2.972, 138.826



92, 2.972, 188.826

Sweetspot

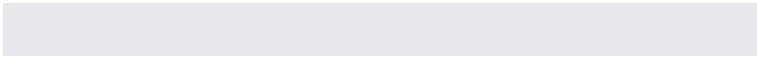
The Sweet Spot groups the original color and five complimentary colors.



92, 2.969, 318.821



99, 1.497, 318.685



92, 2.062, 279.718



53, 0.852, 318.674



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

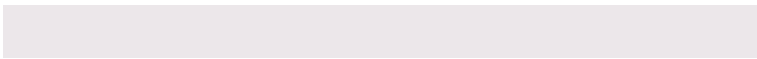
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 2.969, 318.821



98, 4.480, 318.884



92, 2.587, 333.617



48, 3.173, 318.929



37, 91.065, 320.709



7, 38.627, 321.655

Inverse Universe

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



92, 1.864, 3.119



98, 2.817, 3.293



93, 2.567, 153.628



48, 1.998, 3.409



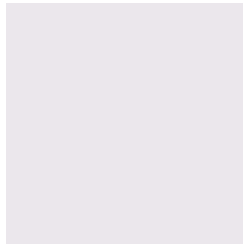
38, 71.799, 29.353



7, 27.907, 14.436

Previews

White Background



This preview shows how the CIELCh color 92, 2.972, 318.826 looks on a white background.

Color Contrast Check

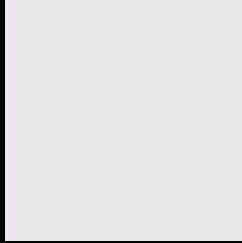
Large Text (above 18pt) WCAG AA × Fail

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, 2.972, 318.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

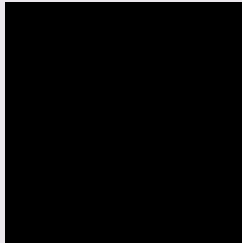
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

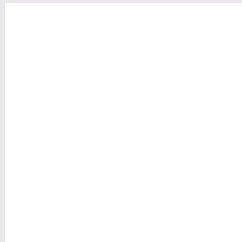
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.972, 318.826

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.972, 318.826.

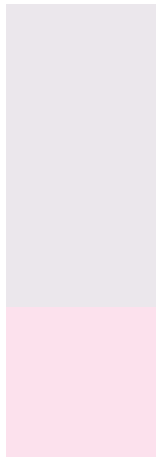


This preview shows how white text looks on a background with the CIELCh color 92, 2.972, 318.826.

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

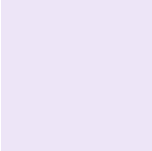
92, 2.972, 318.826

Protanopia

92, 2.972, 318.826

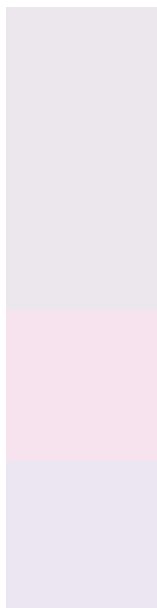
Deuteranopia

92, 11.508, 347.671



Tritanopia
92, 9.768, 307.438

Trichromacy



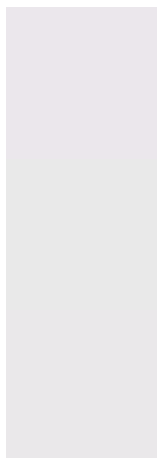
Original Color
92, 2.972, 318.826

Protanomaly
92, 2.972, 318.826

Deuteranomaly
92, 8.555, 342.836

Tritanomaly
92, 7.081, 307.942

Monochromacy



Original Color
92, 2.972, 318.826

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.270, 324.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.972, 318.826 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(235, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(235, 231, 236)  
}
```

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(235, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 231, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.972, 318.826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

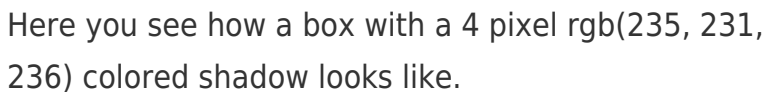
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 231, 236) }
```

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

```
.border{ border-color:rgb(235, 231, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 231, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 231, 236); box-shadow:4px 4px 4px 4px rgb(235, 231, 236) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.972, 318.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 231, 236) }
```

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

```
.background{ background-color: rgb(235,  
231, 236) }
```

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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