

Converting Colors

CIE LCh(92, 3.324, 342.116)

Have a look what the booklet for
CIELCh(92, 3.324, 342.116) contains.

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Color

CIELCh(92, 3.261, 340.088)

Conversions

Conversions Part 1

Format	Color
Hex	EDE6EA
RGB	237, 230, 234
RGB Percent	93%, 90%, 92%
CMY	0.0698, 0.0972, 0.0815
CMYK	0.00, 0.03, 0.01, 0.07
HSL	326°, 16%, 92%
HSV	326°, 3%, 93%
XYZ	78.2328, 80.7044, 89.4551
YIQ	232.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

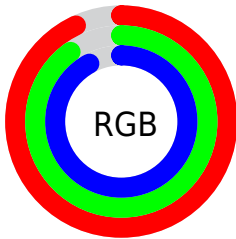
Format	Color
R _Y B	237, 230, 234
Decimal	15591146
CIE Lab	92.00, 3.07, -1.11
CIE LCh	92, 3.261, 340.088
Yxy	80.7044, 0.3150, 0.3249
Android (android.graphics.Color)	4293781226 (0xFFE6E6EA)
YUV	232.5490, 0.7153, 3.9035
Hunter-Lab	89.8356, -1.7668, 3.8461

Details

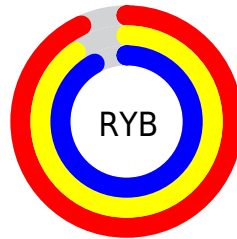
The CIELCh color **92, 3.261, 340.088** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 3.235, 159.914**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 2.797, 343.783** is the 20% darker color. If you saturate the color by 10%, you get **86, 14.441, 341.006**, and if you desaturate by 10%, it is **98, 7.654, 159.550**.

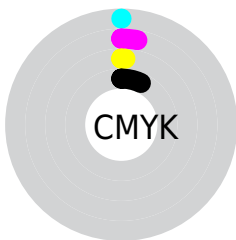
Distribution



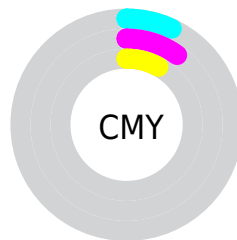
- Red (93%)
- Green (90%)
- Blue (92%)



- Red (93%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.261, 340.088 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, 3.261, 340.088 by changing the saturation by 10% instead.

 92, 3.261, 340.088	 92, 3.261, 340.088
 100, 3.261, 340.088	 82, 3.261, 340.088
	 72, 3.261, 340.088
	 62, 3.261, 340.088
	 52, 3.261, 340.088
	 42, 3.261, 340.088
	 32, 3.261, 340.088
	 22, 3.261, 340.088
	 12, 3.261, 340.088
	 2, 3.261, 340.088

92, 3.261, 340.088

92, 3.261, 340.088

86, 14.441,
341.006

98, 7.654, 159.550

80, 25.781,
341.901

99, 6.118, 197.008

99, 6.106, 199.127

74, 37.087,
342.884

69, 48.066,
343.989

64, 58.298,
345.259

60, 67.247,
346.757

56, 74.327,
348.575

54, 79.042,
350.835

■ 52, 81.208,
353.677

Harmonies

Complementary

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



92, 3.261, 340.088



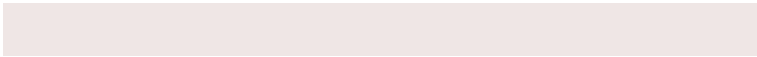
93, 3.235, 159.914

Rectangle

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



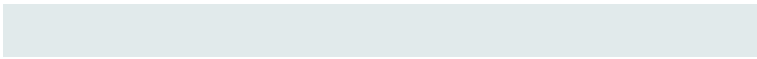
92, 3.261, 340.088



92, 3.261, 30.088



92, 3.261, 160.088



92, 3.261, 210.088

Sweetspot

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



92, 3.259, 340.099



99, 1.174, 339.694



92, 3.786, 306.220



53, 0.668, 339.670



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

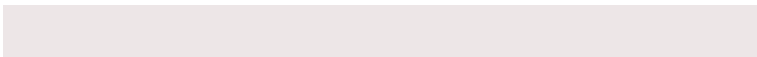
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 3.259, 340.099



97, 4.689, 340.217



92, 2.525, 12.495



49, 3.169, 340.289



40, 67.492, 355.408



9, 30.252, 350.289

Inverse Universe

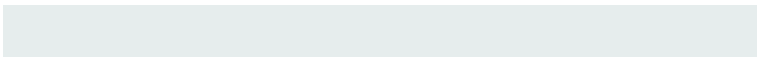
The Inverse Universe completely reimagines the original color for something new.



92, 3.259, 340.099



97, 4.689, 340.217



93, 2.482, 192.535



49, 3.169, 340.289



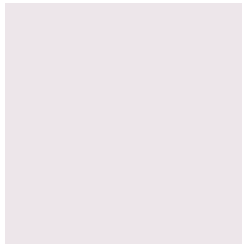
40, 67.492, 355.408



9, 30.252, 350.289

Previews

White Background



This preview shows how the CIELCh color 92, 3.261, 340.088 looks on a white background.

Color Contrast Check

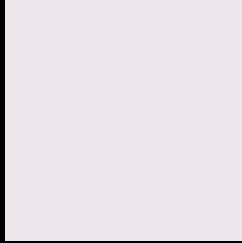
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 3.261, 340.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

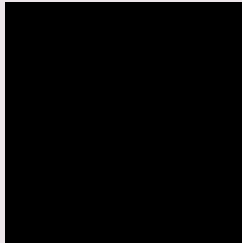
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

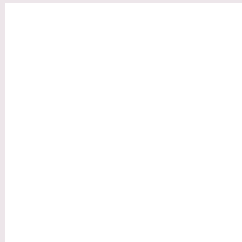
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.261, 340.088

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.261, 340.088.

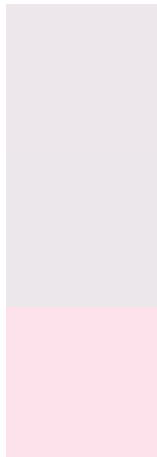


This preview shows how white text looks on a background with the CIELCh color 92, 3.261, 340.088.

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, 3.261, 340.088

Protanopia

92, 2.530, 324.421

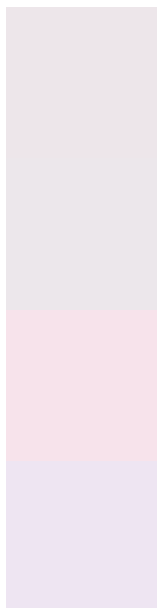
Deuteranopia

92, 11.328, 353.129



Tritanopia
92, 10.132, 313.141

Trichromacy



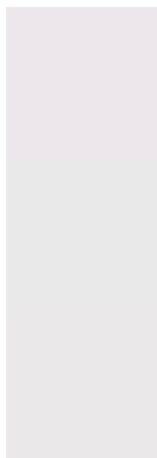
Original Color
92, 3.261, 340.088

Protanomaly
92, 2.748, 330.533

Deuteranomaly
92, 8.292, 350.089

Tritanomaly
92, 7.476, 315.686

Monochromacy



Original Color
92, 3.261, 340.088

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.196, 353.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.261, 340.088 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(237, 230, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 234)  
}
```

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(237, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.261, 340.088 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(237, 230, 234) }
```

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

```
.border{ border-color:rgb(237, 230, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 230, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.261, 340.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 234) }
```

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

```
.background{ background-color: rgb(237,  
230, 234) }
```

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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