

Converting Colors

CIELCh(90, 3.332, 329.713)

Have a look what the booklet for
CIELCh(90, 3.332, 329.713) contains.

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Color

CIELCh(90, 3.390, 329.450)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E7E1E6 |
| RGB | 231, 225, 230 |
| RGB Percent | 91%, 88%, 90% |
| CMY | 0.0954, 0.1189, 0.0993 |
| CMYK | 0.00, 0.03, 0.00, 0.10 |
| HSL | 310°, 11%, 89% |
| HSV | 310°, 3%, 90% |
| XYZ | 73.9232, 76.3034, 85.4536 |
| YIQ | 227.3640, 1.9710, 2.8270 |

Conversions

Conversions Part 2

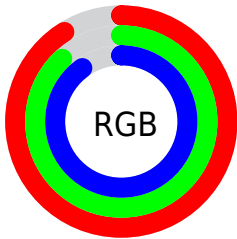
| Format | Color |
|-------------------------------------|--|
| RYB | 231, 225, 230 |
| Decimal | 15196646 |
| CIELab | 90.00, 2.92, -1.72 |
| CIELCh | 90, 3.390, 329.450 |
| Yxy | 76.3034, 0.3137, 0.3238 |
| Android (android.graphics.Color) | 4293386726 (0xFFE7E1E6) |
| YUV | 227.3640, 1.2995, 3.1888 |
| Hunter-Lab | 87.3518, -1.8065, 3.1447 |

Details

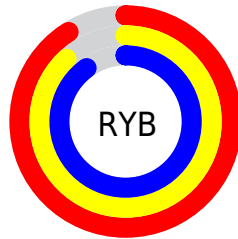
The CIELCh color `90, 3.390, 329.450` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 3.368, 149.336`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 3.340, 324.526` is the 20% darker color. If you saturate the color by 10%, you get `84, 16.517, 330.143`, and if you desaturate by 10%, it is `96, 9.512, 148.998`.

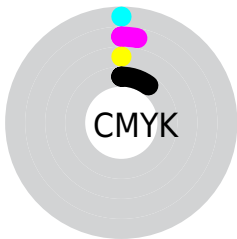
Distribution



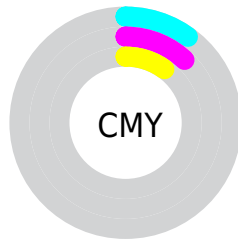
- Red (91%)
- Green (88%)
- Blue (90%)



- Red (91%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 3.390, 329.450 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 90, 3.390, 329.450 by changing the saturation by 10% instead.

90, 3.390, 329.450

90, 3.390, 329.450

100, 3.390,
329.450

80, 3.390, 329.450

70, 3.390, 329.450

60, 3.390, 329.450

50, 3.390, 329.450

40, 3.390, 329.450

30, 3.390, 329.450

20, 3.390, 329.450

10, 3.390, 329.450

0, 3.390, 329.450

90, 3.390, 329.450

90, 3.390, 329.450

84, 16.517,
330.143

96, 9.512, 148.998

79, 29.727,
330.783

98, 12.480,
152.669

73, 42.785,
331.433

98, 11.101,
159.504

68, 55.354,
332.092

98, 9.913, 168.086

64, 66.979,
332.761

98, 8.993, 178.671

60, 77.105,
333.442

98, 8.297, 198.961

57, 85.148,
334.144

55, 90.623,
334.883

■ 53, 93.325,
335.689

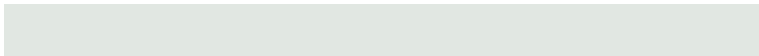
Harmonies

Complementary

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



90, 3.390, 329.450



91, 3.368, 149.336

Rectangle

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



90, 3.390, 329.450



90, 3.390, 19.450



90, 3.390, 149.450



90, 3.390, 199.450

Sweetspot

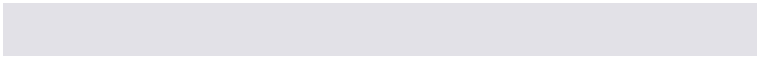
The Sweet Spot groups the original color and five complimentary colors.



90, 3.388, 329.453



99, 1.418, 329.202



90, 3.150, 296.894



53, 0.806, 329.186



0, 0.000, 0.000



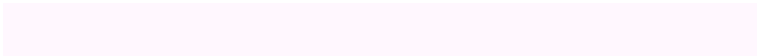
53, 0.007, 296.813

Same Dimension

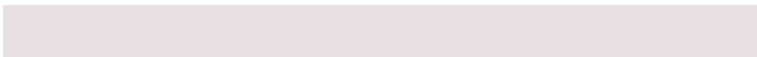
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 3.388, 329.453



98, 4.242, 329.492



90, 2.399, 353.713



47, 2.950, 329.555



41, 77.664, 336.177



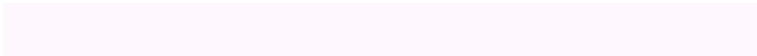
8, 33.236, 334.759

Inverse Universe

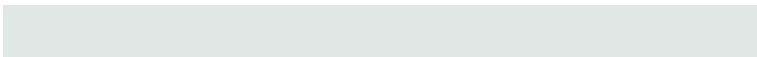
The Inverse Universe completely reimagines the original color for something new.



90, 3.388, 329.453



98, 4.242, 329.492



91, 2.373, 173.675



47, 2.950, 329.555



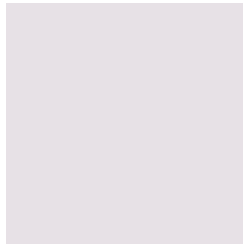
41, 77.664, 336.177



8, 33.236, 334.759

Previews

White Background



This preview shows how the CIELCh color 90, 3.390, 329.450 looks on a white background.

Color Contrast Check

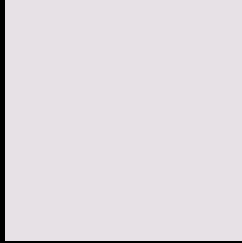
Large Text (above 18pt) WCAG AA × Fail

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 90, 3.390, 329.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

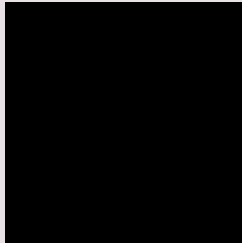
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

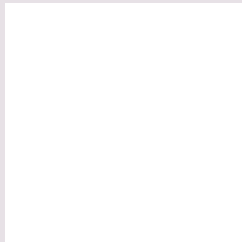
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 3.390, 329.450

Background



This preview shows how black text looks on a background with the CIELCh color 90, 3.390, 329.450.

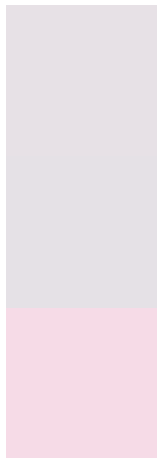


This preview shows how white text looks on a background with the CIELCh color 90, 3.390, 329.450.

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

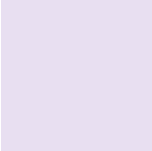
90, 3.390, 329.450

Protanopia

90, 2.986, 318.830

Deuteranopia

90, 11.565, 347.695



Tritanopia
90, 9.924, 309.388

Trichromacy



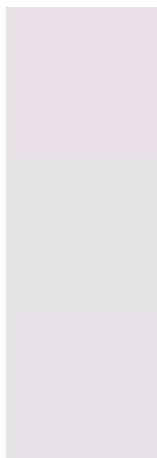
Original Color
90, 3.390, 329.450

Protanomaly
90, 3.174, 324.471

Deuteranomaly
90, 8.597, 342.853

Tritanomaly
90, 7.361, 313.198

Monochromacy



Original Color
90, 3.390, 329.450

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.276, 324.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 3.390, 329.450 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, 225, 230)` looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 230)  
}
```

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, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 3.390, 329.450 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, 225, 230) }
```

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

```
.border{ border-color:rgb(231, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 3.390, 329.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 230) }
```

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

```
.background{ background-color: rgb(231,  
225, 230) }
```

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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