

Converting Colors

CIELCh(90, 2.931, 348.461)

Have a look what the booklet for
CIELCh(90, 2.931, 348.461) contains.

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Color

CIELCh(90, 2.969, 347.788)

Conversions

Conversions Part 1

Format	Color
Hex	E8E1E4
RGB	232, 225, 228
RGB Percent	91%, 88%, 89%
CMY	0.0918, 0.1192, 0.1074
CMYK	0.00, 0.03, 0.02, 0.09
HSL	334°, 13%, 89%
HSV	334°, 3%, 91%
XYZ	73.9147, 76.3034, 83.9408
YIQ	227.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

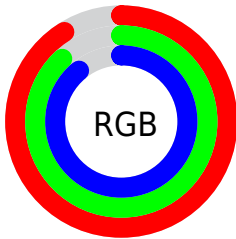
Format	Color
R_{YB}	232, 225, 228
Decimal	15262180
CIE Lab	90.00, 2.90, -0.63
CIE LCh	90, 2.969, 347.788
Yxy	76.3034, 0.3157, 0.3259
Android (android.graphics.Color)	4293452260 (0xFFE8E1E4)
YUV	227.4350, 0.2785, 4.0035
Hunter-Lab	87.3518, -1.8239, 4.1714

Details

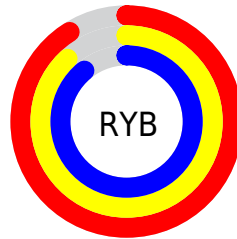
The CIELCh color `90, 2.969, 347.788` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 2.939, 167.610`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 2.812, 343.794` is the 20% darker color. If you saturate the color by 10%, you get `84, 12.969, 348.858`, and if you desaturate by 10%, it is `96, 6.715, 167.210`.

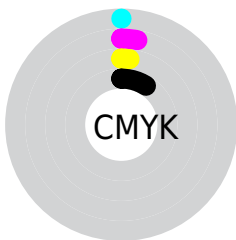
Distribution



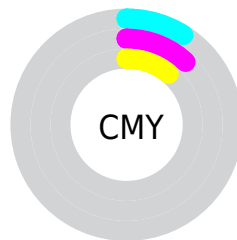
- Red (91%)
- Green (88%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 2.969, 347.788 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, 2.969, 347.788 by changing the saturation by 10% instead.

90, 2.969, 347.788

90, 2.969, 347.788

100, 2.969,
347.788

80, 2.969, 347.788

70, 2.969, 347.788

60, 2.969, 347.788

50, 2.969, 347.788

40, 2.969, 347.788

30, 2.969, 347.788

20, 2.969, 347.788

10, 2.969, 347.788

0, 2.969, 347.788

90, 2.969, 347.788

90, 2.969, 347.788

84, 12.969,
348.858

96, 6.715, 167.210

78, 23.209,
349.921

98, 8.024, 195.637

72, 33.535,
351.127

98, 7.988, 198.983

67, 43.695,
352.536

62, 53.326,
354.223

58, 61.948,
356.293

54, 69.038,
358.890

52, 74.176, 2.190

■ 50, 77.272, 6.361

Harmonies

Complementary

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



90, 2.969, 347.788



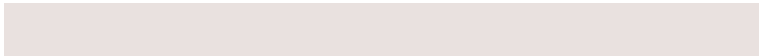
91, 2.939, 167.610

Rectangle

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



90, 2.969, 347.788



90, 2.969, 37.788



90, 2.969, 167.788



90, 2.969, 217.788

Sweetspot

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



90, 2.967, 347.806



99, 1.063, 347.307



90, 3.923, 311.449



53, 0.605, 347.277



0, 0.000, 0.000



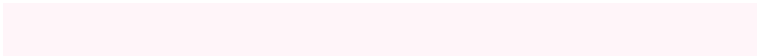
53, 0.007, 296.813

Same Dimension

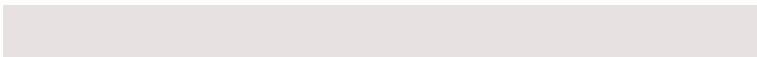
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 2.967, 347.806



97, 4.253, 347.935



90, 2.357, 25.193



47, 2.775, 348.016



38, 64.651, 8.784



7, 27.054, 0.311

Inverse Universe

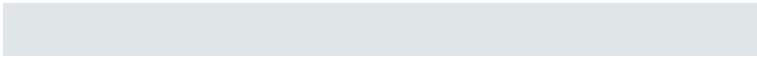
The Inverse Universe completely reimagines the original color for something new.



90, 2.967, 347.806



97, 4.253, 347.935



91, 2.312, 205.514



47, 2.775, 348.016



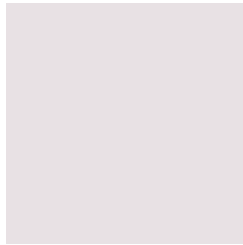
38, 64.651, 8.784



7, 27.054, 0.311

Previews

White Background



This preview shows how the CIELCh color 90, 2.969, 347.788 looks on a white background.

Color Contrast Check

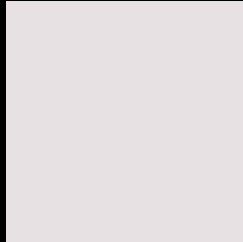
Large Text (above 18pt) WCAG AA × Fail

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, 2.969, 347.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

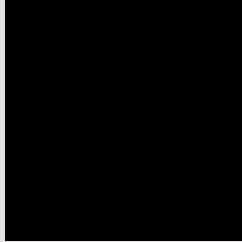
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

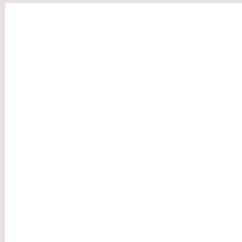
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 2.969, 347.788

Background



This preview shows how black text looks on a background with the CIELCh color 90, 2.969, 347.788.

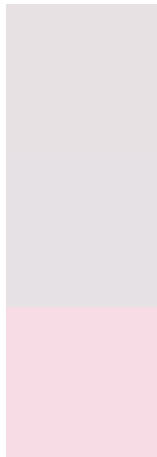


This preview shows how white text looks on a background with the CIELCh color 90, 2.969, 347.788.

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

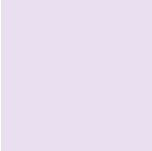
90, 2.969, 347.788

Protanopia

90, 2.391, 338.622

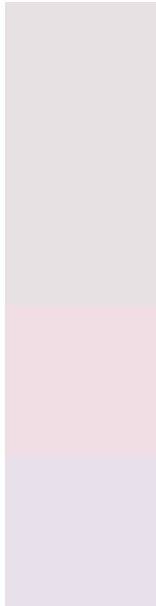
Deuteranopia

90, 11.384, 353.156



Tritanopia
90, 9.559, 312.370

Trichromacy



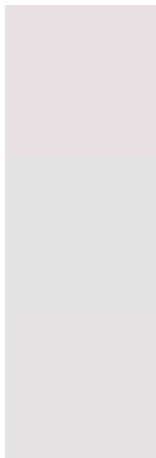
Original Color
90, 2.969, 347.788

Protanomaly
90, 2.671, 343.694

Deuteranomaly
90, 8.093, 353.301

Tritanomaly
90, 6.417, 316.754

Monochromacy



Original Color
90, 2.969, 347.788

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.202, 353.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 2.969, 347.788 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(232, 225, 228)` looks like.

```
.text, #text, p{  
    color:rgb(232, 225, 228)  
}
```

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(232, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 225, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 2.969, 347.788 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(232, 225, 228) }
```

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

```
.border{ border-color:rgb(232, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(232, 225,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 2.969, 347.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 225, 228) }
```

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

```
.background{ background-color: rgb(232,  
225, 228) }
```

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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