

Converting Colors

CIELCh(90, 3.039, 19.420)

Have a look what the booklet for
CIELCh(90, 3.039, 19.420) contains.

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Color

CIELCh(90, 2.879, 19.398)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1E1
RGB	233, 225, 225
RGB Percent	91%, 88%, 88%
CMY	0.0879, 0.1192, 0.1192
CMYK	0.00, 0.03, 0.03, 0.09
HSL	0°, 15%, 90%
HSV	0°, 3%, 91%
XYZ	73.8249, 76.3034, 81.7841
YIQ	227.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

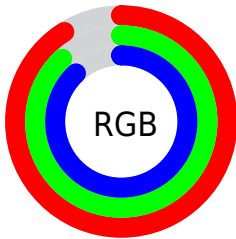
Format	Color
RYB	233, 225, 225
Decimal	15327713
CIELab	90.00, 2.72, 0.96
CIElCh	90, 2.879, 19.398
Yxy	76.3034, 0.3183, 0.3290
Android (android.graphics.Color)	4293517793 (0xFFE9E1E1)
YUV	227.3920, -1.1793, 4.9182
Hunter-Lab	87.3518, -2.0073, 5.6353

Details

The CIELCh color **90, 2.879, 19.398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 2.815, 199.474**, 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, 2.657, 19.451** is the 20% darker color. If you saturate the color by 10%, you get **84, 11.699, 20.297**, and if you desaturate by 10%, it is **96, 5.275, 199.228**.

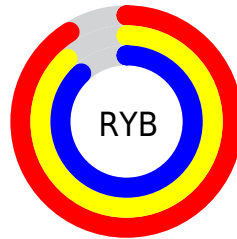
Distribution



Red (91%)

Green (88%)

Blue (88%)



Red (91%)

Yellow (88%)

Blue (88%)

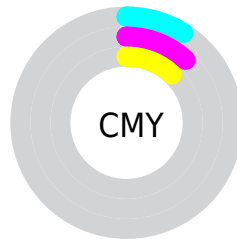


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 2.879, 19.398 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, 2.879, 19.398 by changing the saturation by 10% instead.

90, 2.879, 19.398

90, 2.879, 19.398

100, 2.879, 19.398

80, 2.879, 19.398

70, 2.879, 19.398

60, 2.879, 19.398

50, 2.879, 19.398

40, 2.879, 19.398

30, 2.879, 19.398

20, 2.879, 19.398

10, 2.879, 19.398

0, 2.879, 19.398

90, 2.879, 19.398

90, 2.879, 19.398

84, 11.699, 20.297

96, 5.275, 199.228

77, 21.223, 21.222

98, 7.656, 199.008

72, 31.438, 22.408

66, 42.261, 23.958

61, 53.510, 25.981

57, 64.892, 28.584

53, 75.992, 31.793

50, 86.174, 35.381

49, 94.087, 38.547

Harmonies

Complementary

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



90, 2.879, 19.398



92, 2.815, 199.474

Rectangle

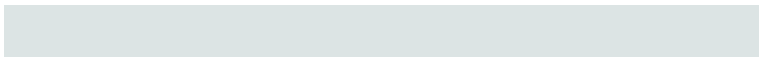
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



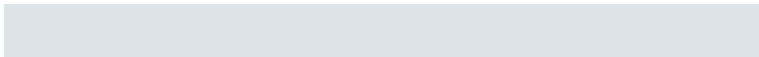
90, 2.879, 19.398



90, 2.879, 69.398



90, 2.879, 199.398



90, 2.879, 249.398

Sweetspot

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



90, 2.877, 19.439



99, 0.894, 18.768



90, 5.067, 324.574



53, 0.508, 18.726



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

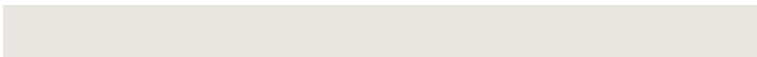
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 2.877, 19.439



97, 3.615, 19.506



91, 2.500, 74.838



48, 2.406, 19.579



38, 80.840, 39.991



7, 28.525, 22.740

Inverse Universe

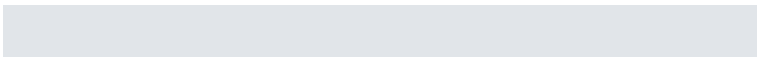
The Inverse Universe completely reimagines the original color for something new.



92, 2.815, 199.474



99, 3.524, 199.411



91, 2.495, 256.009



49, 2.335, 199.344



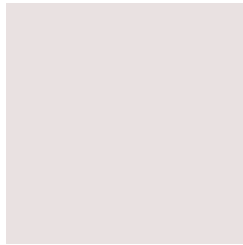
67, 38.725, 196.461



19, 16.585, 196.450

Previews

White Background



This preview shows how the CIELCh color 90, 2.879, 19.398 looks on a white background.

Color Contrast Check

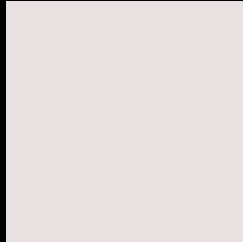
Large Text (above 18pt) WCAG AA × Fail

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 90, 2.879, 19.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

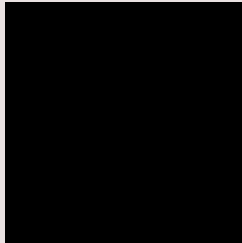
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

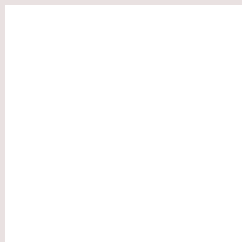
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 2.879, 19.398

Background



This preview shows how black text looks on a background with the CIELCh color 90, 2.879, 19.398.

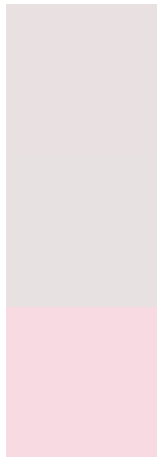


This preview shows how white text looks on a background with the CIELCh color 90, 2.879, 19.398.

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, 2.879, 19.398

Protanopia

90, 2.156, 19.277

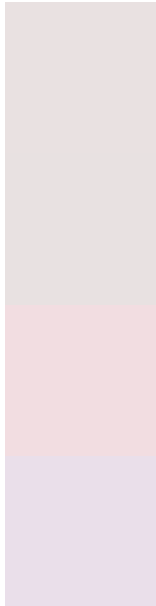
Deuteranopia

90, 11.150, 1.240



Tritanopia
90, 10.472, 316.729

Trichromacy



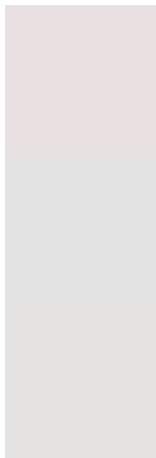
Original Color
90, 2.879, 19.398

Protanomaly
90, 2.517, 19.343

Deuteranomaly
90, 7.898, 4.715

Tritanomaly
90, 6.965, 324.659

Monochromacy



Original Color
90, 2.879, 19.398

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.075, 18.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 2.879, 19.398 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(233, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 225)  
}
```

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(233, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 2.879, 19.398 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(233, 225, 225) }
```

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

```
.border{ border-color:rgb(233, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 2.879, 19.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 225) }
```

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

```
.background{ background-color: rgb(233,  
225, 225) }
```

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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