

Converting Colors

CIELCh(90, 5.970, 349.120)

Have a look what the booklet for
CIELCh(90, 5.970, 349.120) contains.

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Color

CIELCh(90, 5.935, 348.126)

Conversions

Conversions Part 1

Format	Color
Hex	EDDFE5
RGB	237, 223, 229
RGB Percent	93%, 87%, 90%
CMY	0.0713, 0.1262, 0.1026
CMYK	0.00, 0.06, 0.03, 0.07
HSL	334°, 28%, 90%
HSV	334°, 6%, 93%
XYZ	75.3251, 76.3034, 84.7580
YIQ	227.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

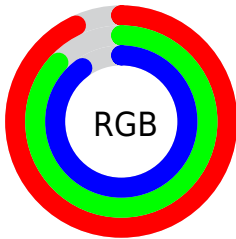
Format	Color
R _Y B	237, 223, 229
Decimal	15589349
CIE Lab	90.00, 5.81, -1.22
CIE LCh	90, 5.935, 348.126
Yxy	76.3034, 0.3187, 0.3228
Android (android.graphics.Color)	4293779429 (0xFFEDDFE5)
YUV	227.8700, 0.5571, 8.0070
Hunter-Lab	87.3518, 1.0583, 3.6168

Details

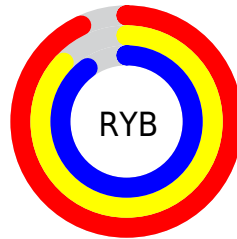
The CIELCh color `90, 5.935, 348.126` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 5.862, 167.266`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 5.931, 346.319` is the 20% darker color. If you saturate the color by 10%, you get `84, 16.200, 349.147`, and if you desaturate by 10%, it is `96, 4.026, 167.482`.

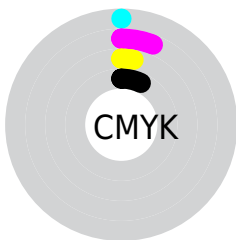
Distribution



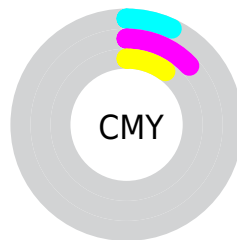
- Red (93%)
- Green (87%)
- Blue (90%)



- Red (93%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.935, 348.126 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, 5.935, 348.126 by changing the saturation by 10% instead.

90, 5.935, 348.126

90, 5.935, 348.126

100, 5.935,
348.126

80, 5.935, 348.126

70, 5.935, 348.126

60, 5.935, 348.126

50, 5.935, 348.126

40, 5.935, 348.126

30, 5.935, 348.126

20, 5.935, 348.126

10, 5.935, 348.126

0, 5.935, 348.126

90, 5.935, 348.126

90, 5.935, 348.126

84, 16.200,
349.147

96, 4.026, 167.482

99, 6.237, 199.117

78, 26.673,
350.247

72, 37.170,
351.508

67, 47.402,
352.991

62, 56.960,
354.780

58, 65.331,
356.992

55, 71.992,
359.782

52, 76.589, 3.331

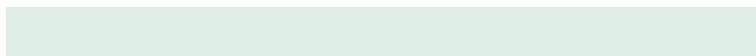
Harmonies

Complementary

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



90, 5.935, 348.126



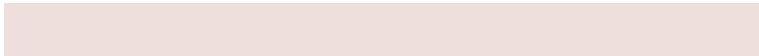
93, 5.862, 167.266

Rectangle

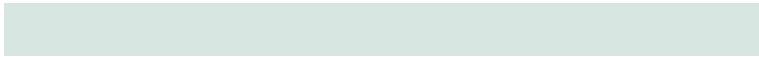
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 5.935, 348.126



90, 5.935, 38.126



90, 5.935, 168.126



90, 5.935, 218.126

Sweetspot

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



90, 5.933, 348.135



99, 2.123, 347.629



90, 7.838, 311.592



53, 1.207, 347.607



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, 5.933, 348.135



95, 7.475, 348.251



90, 4.751, 25.437



47, 4.539, 348.305



39, 65.338, 8.828



8, 28.085, 0.763

Inverse Universe

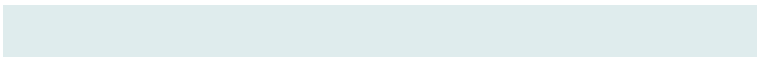
The Inverse Universe completely reimagines the original color for something new.



90, 5.933, 348.135



95, 7.475, 348.251



92, 4.575, 205.293



47, 4.539, 348.305



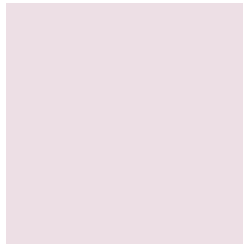
39, 65.338, 8.828



8, 28.085, 0.763

Previews

White Background



This preview shows how the CIELCh color 90, 5.935, 348.126 looks on a white background.

Color Contrast Check

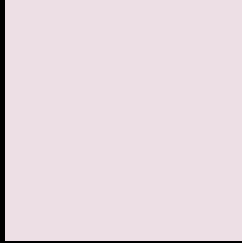
Large Text (above 18pt) WCAG AA × Fail

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, 5.935, 348.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

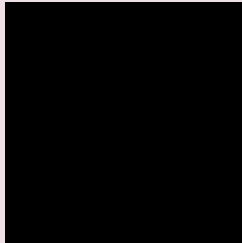
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

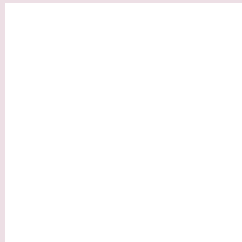
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.935, 348.126

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.935, 348.126.

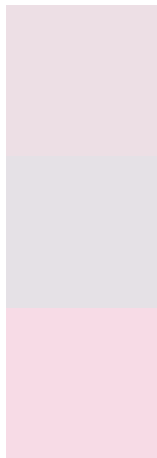


This preview shows how white text looks on a background with the CIELCh color 90, 5.935, 348.126.

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, 5.935, 348.126

Protanopia

90, 2.986, 318.830

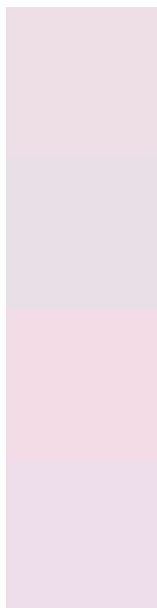
Deuteranopia

90, 11.619, 350.868



Tritanopia
90, 11.175, 323.310

Trichromacy



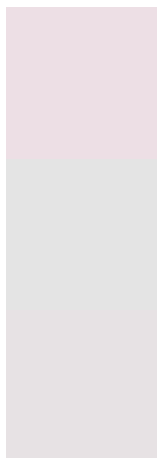
Original Color
90, 5.935, 348.126

Protanomaly
90, 4.256, 332.477

Deuteranomaly
90, 9.794, 348.116

Tritanomaly
90, 8.876, 330.471

Monochromacy



Original Color
90, 5.935, 348.126

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.083, 349.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.935, 348.126 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, 223, 229)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 229)  
}
```

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, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.935, 348.126 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, 223, 229) }
```

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

```
.border{ border-color:rgb(237, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 223,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.935, 348.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 229) }
```

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

```
.background{ background-color: rgb(237,  
223, 229) }
```

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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