

Converting Colors

CIELCh(90, 8.943, 278.409)

Have a look what the booklet for
CIELCh(90, 8.943, 278.409) contains.

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Color

CIELCh(90, 8.974, 279.847)

Conversions

Conversions Part 1

Format	Color
Hex	DDE2F3
RGB	221, 226, 243
RGB Percent	87%, 89%, 95%
CMY	0.1330, 0.1134, 0.0467
CMYK	0.09, 0.07, 0.00, 0.05
HSL	226°, 48%, 91%
HSV	226°, 9%, 95%
XYZ	73.2573, 76.3034, 95.7325
YIQ	226.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

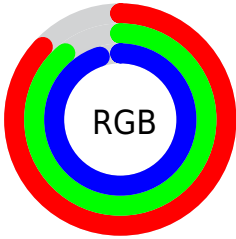
Format	Color
R _Y B	221, 225, 243
Decimal	14541555
CIE Lab	90.00, 1.53, -8.84
CIE LCh	90, 8.974, 279.847
Yxy	76.3034, 0.2987, 0.3111
Android (android.graphics.Color)	4292731635 (0xFFDDE2F3)
YUV	226.4430, 8.1626, -4.7735
Hunter-Lab	87.3518, -3.1671, -3.8322

Details

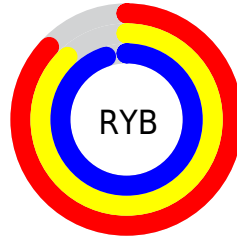
The CIELCh color `90, 8.974, 279.847` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 8.890, 97.630`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 8.910, 279.424` is the 20% darker color. If you saturate the color by 10%, you get `83, 19.132, 281.247`, and if you desaturate by 10%, it is `96, 0.917, 98.379`.

Distribution



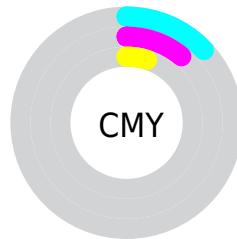
- Red (87%)
- Green (89%)
- Blue (95%)



- Red (87%)
- Yellow (88%)
- Blue (95%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.974, 279.847 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, 8.974, 279.847 by changing the saturation by 10% instead.

90, 8.974, 279.847

90, 8.974, 279.847

100, 8.974,
279.847

80, 8.974, 279.847

70, 8.974, 279.847

60, 8.974, 279.847

50, 8.974, 279.847

40, 8.974, 279.847

30, 8.974, 279.847

20, 8.974, 279.847

10, 8.974, 279.847

0, 8.974, 279.847

90, 8.974, 279.847

90, 8.974, 279.847

83, 19.132,
281.247

96, 0.917, 98.379

77, 29.584,
282.907

100, 6.026,
109.715

70, 40.356,
284.850

64, 51.482,
287.112

58, 62.993,
289.708

52, 74.883,
292.612

46, 87.027,
295.727

41, 99.037,
298.864

■ 37,110.141,
301.726

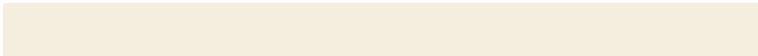
Harmonies

Complementary

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



90, 8.974, 279.847



94, 8.890, 97.630

Rectangle

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



90, 8.974, 279.847



90, 8.974, 329.847



90, 8.974, 99.847



90, 8.974, 149.847

Sweetspot

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



90, 8.972, 279.838



98, 3.074, 279.125



94, 8.139, 179.986



52, 2.331, 279.207



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, 8.972, 279.838



93, 11.363, 280.097



89, 11.684, 301.113



48, 5.669, 279.894



27, 89.590, 301.499



5, 33.462, 295.158

Inverse Universe

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



90, 8.390, 1.977



93, 10.651, 2.194



95, 11.465, 119.999



48, 5.304, 2.025



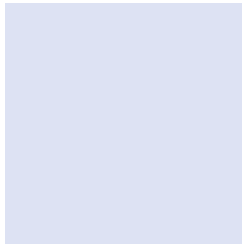
39, 72.101, 27.356



9, 29.895, 15.377

Previews

White Background



This preview shows how the CIELCh color 90, 8.974, 279.847 looks on a white background.

Color Contrast Check

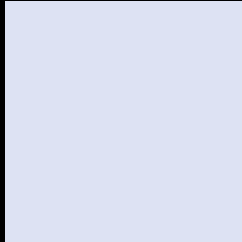
Large Text (above 18pt) WCAG AA × Fail

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, 8.974, 279.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

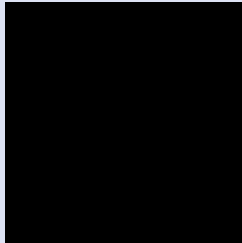
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

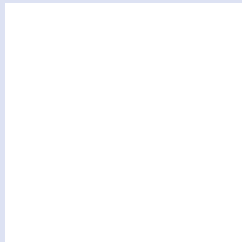
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.974, 279.847

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.974, 279.847.



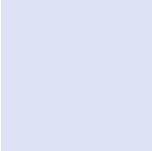
This preview shows how white text looks on a background with the CIELCh color 90, 8.974, 279.847.

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](#).

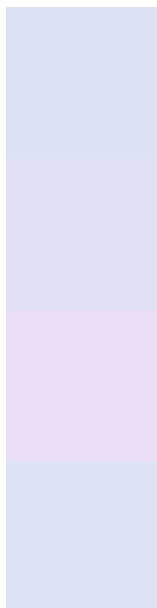
Dichromacy





Tritanopia
90, 9.483, 280.509

Trichromacy



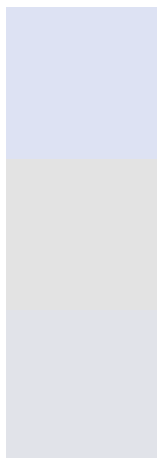
Original Color
90, 8.974, 279.847

Protanomaly
90, 8.846, 288.661

Deuteranomaly
90, 12.127, 309.463

Tritanomaly
90, 9.483, 280.509

Monochromacy



Original Color
90, 8.974, 279.847

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.191, 277.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.974, 279.847 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(221, 226, 243)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 243)  
}
```

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(221, 226, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.974, 279.847 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(221, 226, 243) }
```

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

```
.border{ border-color:rgb(221, 226, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 243);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.974, 279.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 243) }
```

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

```
.background{ background-color: rgb(221,  
226, 243) }
```

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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