

Converting Colors

CIELCh(90, 3.329, 284.937)

Have a look what the booklet for
CIELCh(90, 3.329, 284.937) contains.

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Color

CIELCh(90, 3.140, 284.005)

Conversions

Conversions Part 1

Format	Color
Hex	E1E2E8
RGB	225, 226, 232
RGB Percent	88%, 89%, 91%
CMY	0.1172, 0.1133, 0.0898
CMYK	0.03, 0.03, 0.00, 0.09
HSL	231°, 13%, 90%
HSV	231°, 3%, 91%
XYZ	72.8865, 76.3034, 87.3060
YIQ	226.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

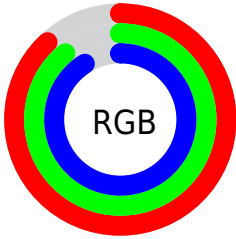
Format	Color
R_{YB}	225, 226, 232
Decimal	14803688
CIE Lab	90.00, 0.76, -3.05
CIE LCh	90, 3.140, 284.005
Yxy	76.3034, 0.3082, 0.3226
Android (android.graphics.Color)	4292993768 (0xFFE1E2E8)
YUV	226.3850, 2.7682, -1.2146
Hunter-Lab	87.3518, -3.9249, 1.8873

Details

The CIELCh color **90, 3.140, 284.005** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 3.105, 103.234**, 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, 2.762, 282.753** is the 20% darker color. If you saturate the color by 10%, you get **83, 13.732, 285.154**, and if you desaturate by 10%, it is **97, 7.117, 102.875**.

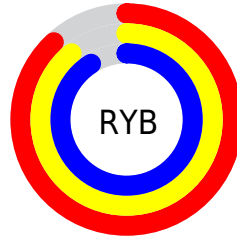
Distribution



Red (88%)

Green (89%)

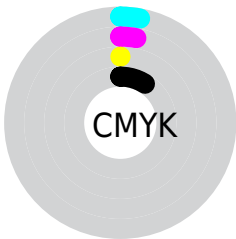
Blue (91%)



Red (88%)

Yellow (89%)

Blue (91%)

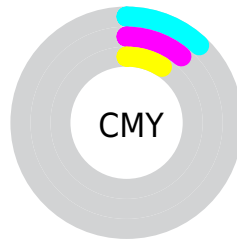


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 3.140, 284.005 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, 3.140, 284.005 by changing the saturation by 10% instead.

■ 90, 3.140, 284.005

■ 90, 3.140, 284.005

100, 3.140,
284.005

■ 80, 3.140, 284.005

■ 70, 3.140, 284.005

■ 60, 3.140, 284.005

■ 50, 3.140, 284.005

■ 40, 3.140, 284.005

■ 30, 3.140, 284.005

■ 20, 3.140, 284.005

■ 10, 3.140, 284.005

■ 0, 3.140, 284.005

90, 3.140, 284.005

90, 3.140, 284.005

83, 13.732,
285.154

97, 7.117, 102.875

76, 24.692,
286.568

99, 11.589,
109.301

70, 36.050,
288.231

63, 47.842,
290.173

56, 60.091,
292.414

50, 72.770,
294.939

44, 85.703,
297.669

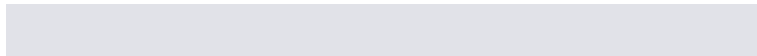
38, 98.385,
300.426

■ 34, 109.784,
302.933

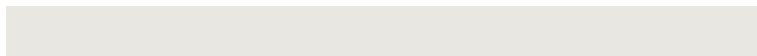
Harmonies

Complementary

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



90, 3.140, 284.005



92, 3.105, 103.234

Rectangle

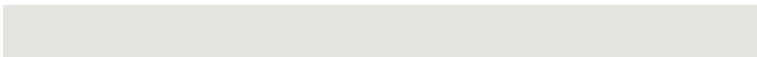
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 3.140, 284.005



90, 3.140, 334.005



90, 3.140, 104.005



90, 3.140, 154.005

Sweetspot

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



90, 3.138, 283.977



99, 1.127, 283.846



91, 2.538, 187.114



53, 0.641, 283.847



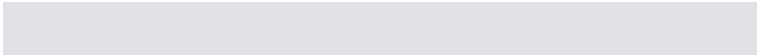
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 3.138, 283.977



97, 4.495, 284.079



90, 3.760, 303.806



47, 2.986, 284.156



24, 95.448, 304.015



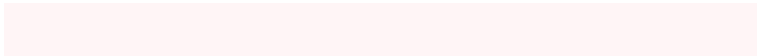
4, 32.194, 294.916

Inverse Universe

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



90, 2.574, 7.691



97, 3.694, 7.837



92, 3.720, 123.530



48, 2.457, 7.926



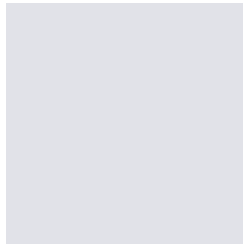
38, 74.546, 33.290



7, 28.030, 16.824

Previews

White Background



This preview shows how the CIE LCh color 90, 3.140, 284.005 looks on a white background.

Color Contrast Check

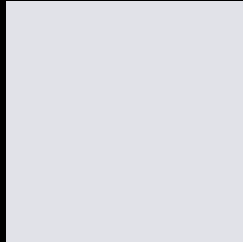
Large Text (above 18pt) WCAG AA × Fail

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, 3.140, 284.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

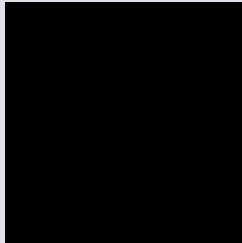
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

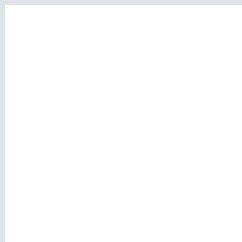
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 3.140, 284.005

Background



This preview shows how black text looks on a background with the CIELCh color 90, 3.140, 284.005.



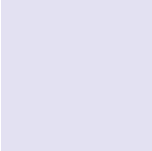
This preview shows how white text looks on a background with the CIELCh color 90, 3.140, 284.005.

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](#).

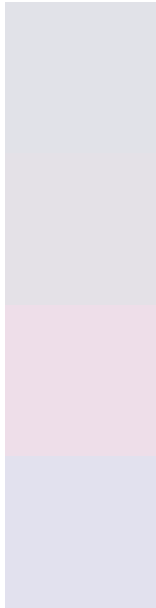
Dichromacy





Tritanopia
90, 8.881, 295.378

Trichromacy



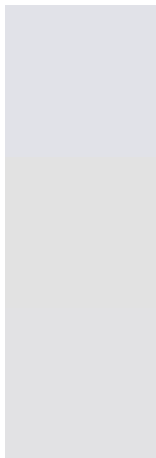
Original Color
90, 3.140, 284.005

Protanomaly
90, 3.317, 309.142

Deuteranomaly
90, 8.116, 335.212

Tritanomaly
90, 6.780, 293.686

Monochromacy



Original Color
90, 3.140, 284.005

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.049, 290.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 3.140, 284.005 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(225, 226, 232)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 232)  
}
```

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(225, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 3.140, 284.005 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(225, 226, 232) }
```

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

```
.border{ border-color:rgb(225, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 3.140, 284.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 232) }
```

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

```
.background{ background-color: rgb(225,  
226, 232) }
```

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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