

Converting Colors

CIELCh(90, 3.195, 153.252)

Have a look what the booklet for
CIELCh(90, 3.195, 153.252) contains.

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Color

CIELCh(90, 3.380, 149.329)

Conversions

Conversions Part 1

Format	Color
Hex	DEE4DF
RGB	222, 228, 223
RGB Percent	87%, 89%, 87%
CMY	0.1296, 0.1061, 0.1257
CMYK	0.03, 0.00, 0.02, 0.11
HSL	130°, 10%, 88%
HSV	130°, 3%, 89%
XYZ	71.1485, 76.3034, 80.7521
YIQ	225.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

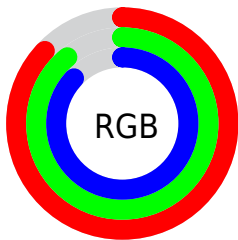
Format	Color
RYB	222, 227, 228
Decimal	14607583
CIELab	90.00, -2.91, 1.72
CIELCh	90, 3.380, 149.329
Yxy	76.3034, 0.3118, 0.3344
Android (android.graphics.Color)	4292797663 (0xFFDEE4DF)
YUV	225.6360, -1.2995, -3.1888
Hunter-Lab	87.3518, -7.4765, 6.3358

Details

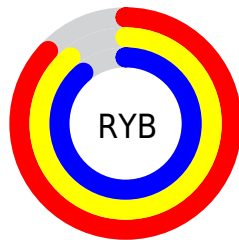
The CIELCh color `90, 3.380, 149.329` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 3.401, 329.450`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 3.563, 149.259` is the 20% darker color. If you saturate the color by 10%, you get `88, 16.362, 148.581`, and if you desaturate by 10%, it is `92, 9.405, 329.768`.

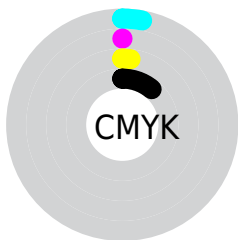
Distribution



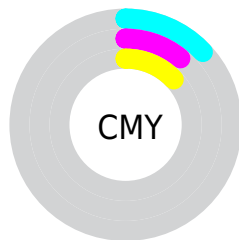
- Red (87%)
- Green (89%)
- Blue (87%)



- Red (87%)
- Yellow (89%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 3.380, 149.329 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, 3.380, 149.329 by changing the saturation by 10% instead.

■ 90, 3.380, 149.329

■ 90, 3.380, 149.329

■ 100, 3.380,
149.329

■ 80, 3.380, 149.329

■ 70, 3.380, 149.329

■ 60, 3.380, 149.329

■ 50, 3.380, 149.329

■ 40, 3.380, 149.329

■ 30, 3.380, 149.329

■ 20, 3.380, 149.329

■ 10, 3.380, 149.329

■ 0, 3.380, 149.329

90, 3.380, 149.329

90, 3.380, 149.329

88, 16.362,
148.581

92, 9.405, 329.768

86, 29.401,
147.794

93, 16.907,
325.010

85, 42.317,
146.885


83, 54.881,
145.832

82, 66.821,
144.625

81, 77.831,
143.264

80, 87.593,
141.774

80, 95.795,
140.215

 80, 102.162,
138.690

Harmonies

Complementary

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



90, 3.380, 149.329



89, 3.401, 329.450

Rectangle

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



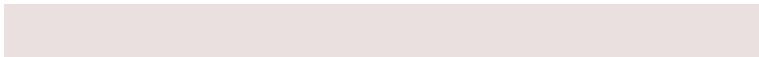
90, 3.380, 149.329



90, 3.380, 199.329



90, 3.380, 329.329



90, 3.380, 19.329

Sweetspot

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



90, 3.382, 149.326



100, 1.398, 149.585



90, 3.121, 115.862



53, 0.795, 149.602



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, 3.382, 149.326



99, 4.222, 149.290



90, 2.406, 172.564



48, 2.938, 149.225



63, 87.478, 137.945



17, 33.754, 141.865

Inverse Universe

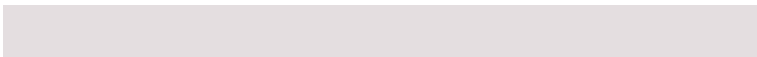
The Inverse Universe completely reimagines the original color for something new.



89, 3.401, 329.450



98, 4.243, 329.486



89, 2.432, 352.620



47, 2.951, 329.549



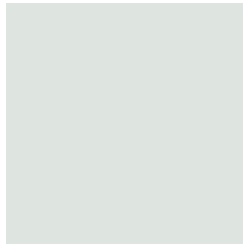
41, 77.675, 336.166



8, 33.241, 334.751

Previews

White Background



This preview shows how the CIE LCh color 90, 3.380, 149.329 looks on a white background.

Color Contrast Check

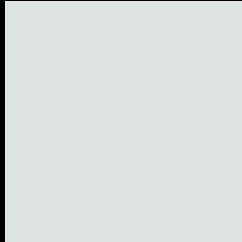
Large Text (above 18pt) WCAG AA × Fail

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, 3.380, 149.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

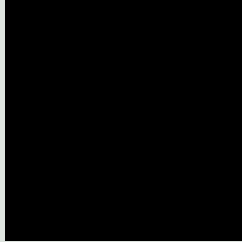
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

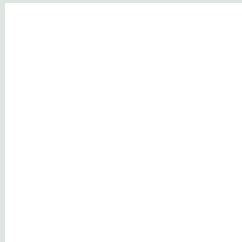
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 3.380, 149.329

Background



This preview shows how black text looks on a background with the CIELCh color 90, 3.380, 149.329.

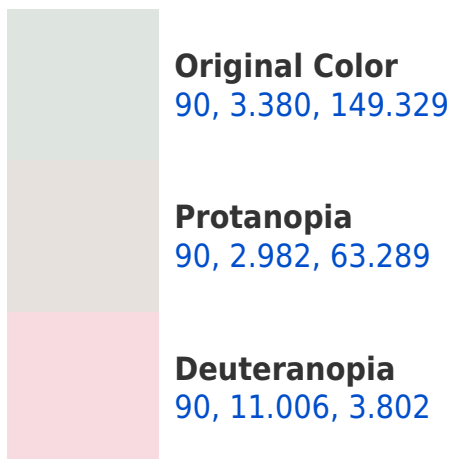


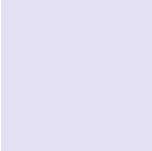
This preview shows how white text looks on a background with the CIELCh color 90, 3.380, 149.329.

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](#).

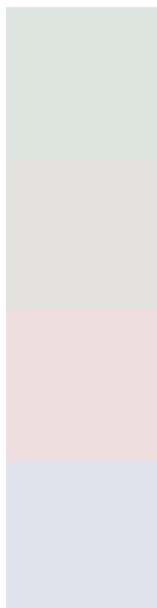
Dichromacy





Tritanopia
90, 9.364, 290.941

Trichromacy



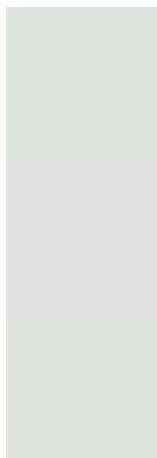
Original Color
90, 3.380, 149.329

Protanomaly
90, 2.179, 90.680

Deuteranomaly
90, 6.251, 10.229

Tritanomaly
90, 5.238, 282.939

Monochromacy



Original Color
90, 3.380, 149.329

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.258, 144.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 3.380, 149.329 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(222, 228, 223)` looks like.

```
.text, #text, p{  
    color:rgb(222, 228, 223)  
}
```

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(222, 228, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 228, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 3.380, 149.329 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(222, 228, 223) }
```

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

```
.border{ border-color:rgb(222, 228, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 228, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 228, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 228, 223);  
box-shadow:4px 4px 4px 4px rgb(222, 228,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 3.380, 149.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 228, 223) }
```

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

```
.background{ background-color: rgb(222,  
228, 223) }
```

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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