

Converting Colors

CIELCh(89, 3.553, 160.905)

Have a look what the booklet for
CIELCh(89, 3.553, 160.905) contains.

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Color

CIELCh(89, 3.270, 159.883)

Conversions

Conversions Part 1

Format	Color
Hex	DAE1DD
RGB	218, 225, 221
RGB Percent	85%, 88%, 87%
CMY	0.1441, 0.1166, 0.1323
CMYK	0.03, 0.00, 0.02, 0.12
HSL	146°, 11%, 87%
HSV	146°, 3%, 88%
XYZ	69.0658, 74.1641, 79.2564
YIQ	222.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

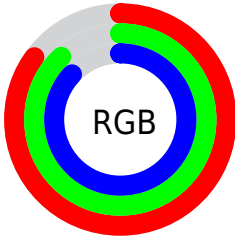
Format	Color
R_{YB}	218, 223, 225
Decimal	14344669
CIE Lab	89.00, -3.07, 1.12
CIE LCh	89, 3.270, 159.883
Yxy	74.1641, 0.3104, 0.3333
Android (android.graphics.Color)	4292534749 (0xFFDAE1DD)
YUV	222.4510, -0.7153, -3.9035
Hunter-Lab	86.1186, -7.5533, 5.7174

Details

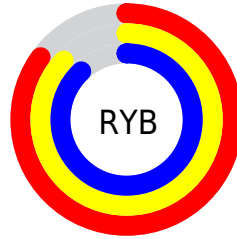
The CIELCh color $89, 3.270, 159.883$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 3.296, 340.094$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 3.449, 159.781$ is the 20% darker color. If you saturate the color by 10%, you get $87, 13.858, 158.956$, and if you desaturate by 10%, it is $91, 7.231, 340.422$.

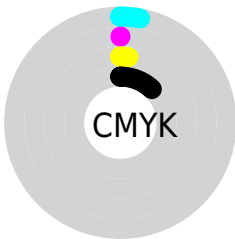
Distribution



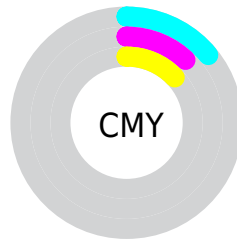
- Red (85%)
- Green (88%)
- Blue (87%)



- Red (85%)
- Yellow (87%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 3.270, 159.883 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 89, 3.270, 159.883 by changing the saturation by 10% instead.

■ 89, 3.270, 159.883

■ 89, 3.270, 159.883

■ 100, 3.270,
159.883

■ 79, 3.270, 159.883

■ 69, 3.270, 159.883

■ 59, 3.270, 159.883

■ 49, 3.270, 159.883

■ 39, 3.270, 159.883

■ 29, 3.270, 159.883

■ 19, 3.270, 159.883

■ 9, 3.270, 159.883

■ 0, 3.270, 159.883

89, 3.270, 159.883

89, 3.270, 159.883

87, 13.858,
158.956

91, 7.231, 340.422

85, 24.411,
158.022

93, 15.422,
333.813

84, 34.788,
156.975

93, 18.602,
325.070

83, 44.821,
155.785

82, 54.324,
154.429

81, 63.115,
152.882

80, 71.036,
151.128

79, 77.984,
149.167

■ 79, 83.934,
147.022

Harmonies

Complementary

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



89, 3.270, 159.883



88, 3.296, 340.094

Rectangle

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



89, 3.270, 159.883



89, 3.270, 209.883



89, 3.270, 339.883



89, 3.270, 29.883

Sweetspot

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



89, 3.272, 159.872



100, 1.157, 160.301



89, 3.790, 125.984



53, 0.657, 160.326



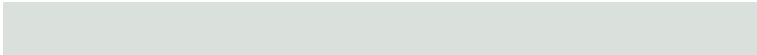
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 3.272, 159.872



99, 4.658, 159.772



89, 2.508, 192.512



47, 2.982, 159.703



63, 72.173, 145.909



17, 27.032, 150.331

Inverse Universe

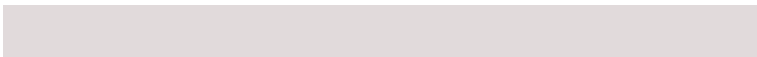
The Inverse Universe completely reimagines the original color for something new.



88, 3.296, 340.094



97, 4.690, 340.194



88, 2.554, 12.518



46, 3.003, 340.262



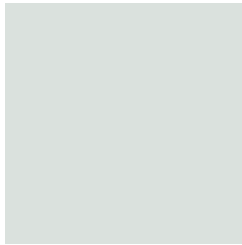
38, 65.437, 355.248



7, 27.287, 349.524

Previews

White Background



This preview shows how the CIELCh color 89, 3.270, 159.883 looks on a white background.

Color Contrast Check

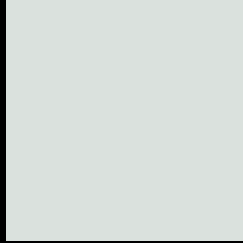
Large Text (above 18pt) WCAG AA × Fail

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 89, 3.270, 159.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

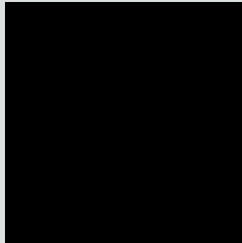
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

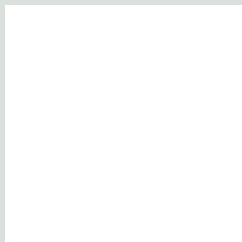
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 3.270, 159.883

Background



This preview shows how black text looks on a background with the CIELCh color 89, 3.270, 159.883.

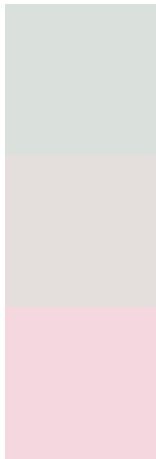


This preview shows how white text looks on a background with the CIELCh color 89, 3.270, 159.883.

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](#).

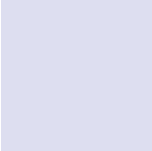
Dichromacy



Original Color
89, 3.270, 159.883

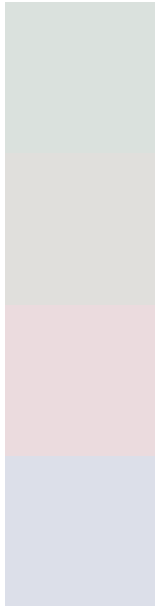
Protanopia
89, 2.392, 45.020

Deuteranopia
89, 11.179, 1.255



Tritanopia
89, 9.388, 288.840

Trichromacy



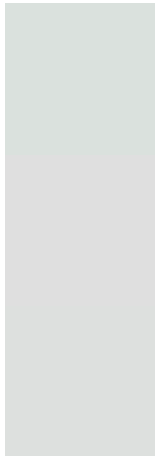
Original Color
89, 3.270, 159.883

Protanomaly
89, 1.587, 96.896

Deuteranomaly
89, 6.014, 4.737

Tritanomaly
89, 5.304, 279.194

Monochromacy



Original Color
89, 3.270, 159.883

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 1.497, 155.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 3.270, 159.883 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(218, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 221)  
}
```

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(218, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 3.270, 159.883 is called "border". The border property can be set on classes, ids or directly on the HTML element.

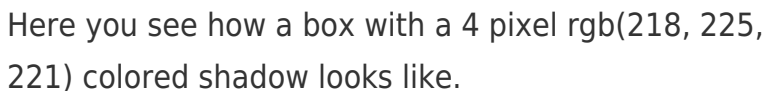
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 225, 221) }
```

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

```
.border{ border-color:rgb(218, 225, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 3.270, 159.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 221) }
```

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

```
.background{ background-color: rgb(218,  
225, 221) }
```

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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