

Converting Colors

CIELCh(89, 3.871, 269.050)

Have a look what the booklet for
CIELCh(89, 3.871, 269.050) contains.

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Color

CIELCh(89, 3.891, 269.310)

Conversions

Conversions Part 1

Format	Color
Hex	DCE0E7
RGB	220, 224, 231
RGB Percent	86%, 88%, 91%
CMY	0.1379, 0.1222, 0.0948
CMYK	0.05, 0.03, 0.00, 0.09
HSL	218°, 19%, 88%
HSV	218°, 5%, 91%
XYZ	70.4689, 74.1641, 86.0713
YIQ	223.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

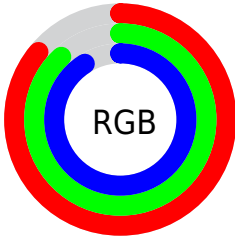
Format	Color
R _Y B	220, 223, 231
Decimal	14475495
CIE Lab	89.00, -0.05, -3.89
CIE LCh	89, 3.891, 269.310
Yxy	74.1641, 0.3055, 0.3215
Android (android.graphics.Color)	4292665575 (0xFFDCE0E7)
YUV	223.6020, 3.6472, -3.1590
Hunter-Lab	86.1186, -4.6451, 1.0256

Details

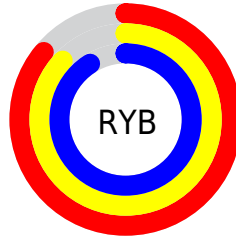
The CIELCh color `89, 3.891, 269.310` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 3.883, 87.927`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 3.590, 266.221` is the 20% darker color. If you saturate the color by 10%, you get `84, 12.106, 270.670`, and if you desaturate by 10%, it is `94, 4.226, 87.903`.

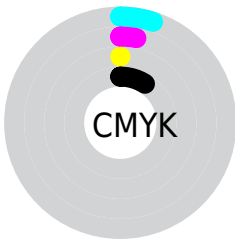
Distribution



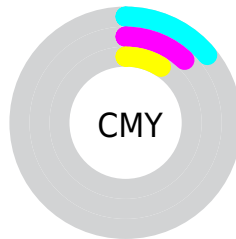
- Red (86%)
- Green (88%)
- Blue (91%)



- Red (86%)
- Yellow (87%)
- Blue (91%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 3.891, 269.310 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, 3.891, 269.310 by changing the saturation by 10% instead.

■ 89, 3.891, 269.310

■ 89, 3.891, 269.310

■ 100, 3.891,
269.310

■ 79, 3.891, 269.310

■ 69, 3.891, 269.310

■ 59, 3.891, 269.310

■ 49, 3.891, 269.310

■ 39, 3.891, 269.310

■ 29, 3.891, 269.310

■ 19, 3.891, 269.310

■ 9, 3.891, 269.310

■ 0, 3.891, 269.310

89, 3.891, 269.310

89, 3.891, 269.310

84, 12.106,
270.670

94, 4.226, 87.903

78, 20.420,
272.342

99, 11.348,
106.007

73, 28.832,
274.312

99, 12.236,
109.253

67, 37.353,
276.622

62, 46.006,
279.312

57, 54.833,
282.403

52, 63.881,
285.867

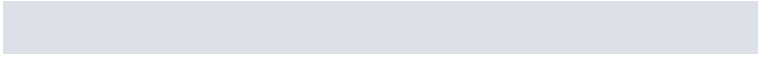
48, 73.172,
289.608

■ 43, 82.636,
293.444

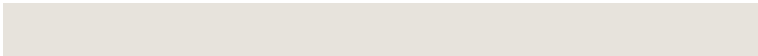
Harmonies

Complementary

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



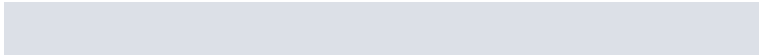
89, 3.891, 269.310



90, 3.883, 87.927

Rectangle

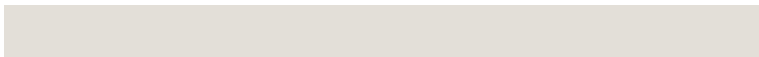
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 3.891, 269.310



89, 3.891, 319.310



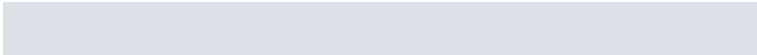
89, 3.891, 89.310



89, 3.891, 139.310

Sweetspot

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



89, 3.890, 269.283



99, 0.891, 269.076



91, 4.446, 171.196



53, 0.507, 269.088



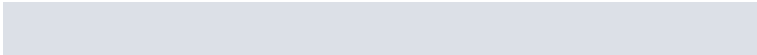
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 3.890, 269.283



96, 5.311, 269.437



88, 5.781, 295.785



46, 3.232, 269.511



32, 70.999, 294.699



6, 24.503, 286.229

Inverse Universe

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



89, 4.496, 352.004



96, 6.150, 352.147



91, 5.704, 115.045



46, 3.745, 352.210



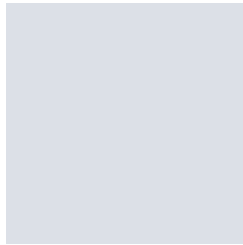
38, 65.415, 14.994



7, 26.778, 4.674

Previews

White Background



This preview shows how the CIELCh color 89, 3.891, 269.310 looks on a white background.

Color Contrast Check

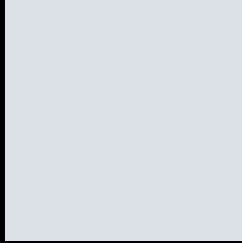
Large Text (above 18pt) WCAG AA × Fail

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, 3.891, 269.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

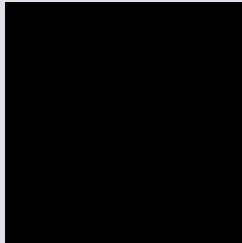
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

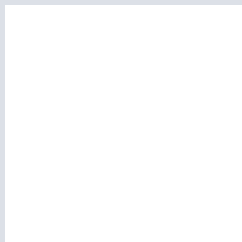
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 3.891, 269.310

Background



This preview shows how black text looks on a background with the CIELCh color 89, 3.891, 269.310.

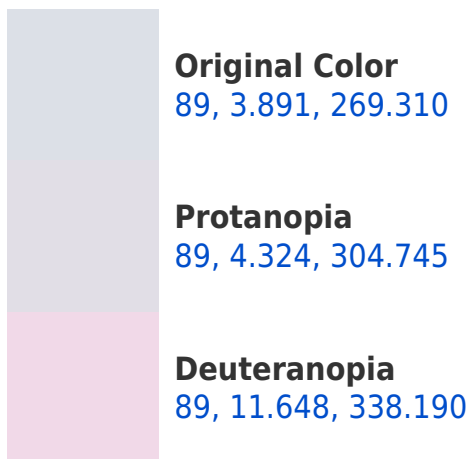


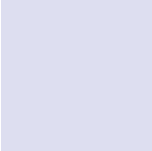
This preview shows how white text looks on a background with the CIELCh color 89, 3.891, 269.310.

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](#).

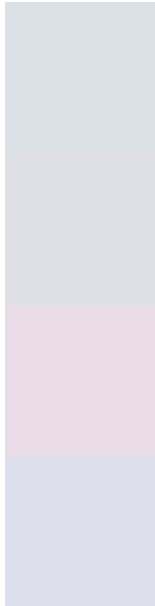
Dichromacy





Tritanopia
89, 9.388, 288.840

Trichromacy



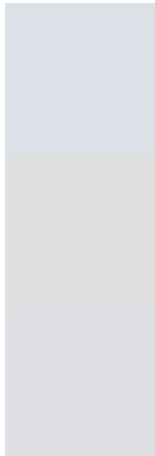
Original Color
89, 3.891, 269.310

Protanomaly
89, 3.654, 290.495

Deuteranomaly
89, 8.455, 326.728

Tritanomaly
89, 7.320, 285.329

Monochromacy



Original Color
89, 3.891, 269.310

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 1.606, 277.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 3.891, 269.310 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(220, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(220, 224, 231)  
}
```

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(220, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 224, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 3.891, 269.310 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(220, 224, 231) }
```

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

```
.border{ border-color:rgb(220, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(220, 224,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 3.891, 269.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 224, 231) }
```

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

```
.background{ background-color: rgb(220,  
224, 231) }
```

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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