

Converting Colors

CIELCh(89, 3.562, 260.892)

Have a look what the booklet for
CIELCh(89, 3.562, 260.892) contains.

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Color

CIELCh(89, 3.565, 260.894)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0E6
RGB	219, 224, 230
RGB Percent	86%, 88%, 90%
CMY	0.1408, 0.1211, 0.0976
CMYK	0.05, 0.03, 0.00, 0.10
HSL	213°, 18%, 88%
HSV	213°, 5%, 90%
XYZ	70.2275, 74.1641, 85.5548
YIQ	223.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

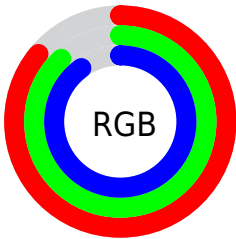
Format	Color
R_{YB}	219, 222, 230
Decimal	14409958
CIE Lab	89.00, -0.56, -3.52
CIE LCh	89, 3.565, 260.894
Yxy	74.1641, 0.3054, 0.3225
Android (android.graphics.Color)	4292600038 (0xFFDBE0E6)
YUV	223.1890, 3.3578, -3.6738
Hunter-Lab	86.1186, -5.1454, 1.3812

Details

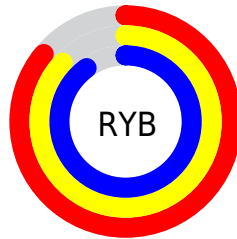
The CIELCh color $89, 3.565, 260.894$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 3.578, 79.444$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 3.750, 261.059$ is the 20% darker color. If you saturate the color by 10%, you get $84, 10.996, 262.245$, and if you desaturate by 10%, it is $94, 3.872, 79.423$.

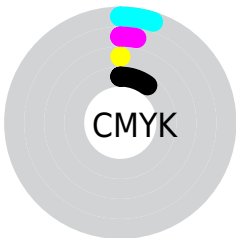
Distribution



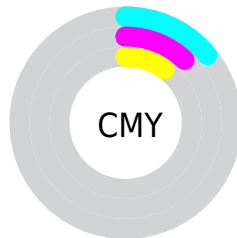
- Red (86%)
- Green (88%)
- Blue (90%)



- Red (86%)
- Yellow (87%)
- Blue (90%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 3.565, 260.894 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, 3.565, 260.894 by changing the saturation by 10% instead.

89, 3.565, 260.894

89, 3.565, 260.894

100, 3.565,
260.894

79, 3.565, 260.894

69, 3.565, 260.894

59, 3.565, 260.894

49, 3.565, 260.894

39, 3.565, 260.894

29, 3.565, 260.894

19, 3.565, 260.894

9, 3.565, 260.894

0, 3.565, 260.894

89, 3.565, 260.894

89, 3.565, 260.894

84, 10.996,
262.245

94, 3.872, 79.423

79, 18.405,
263.945

98, 9.913, 97.180

75, 25.772,
265.967

99, 12.598,
109.225

70, 33.089,
268.361

65, 40.363,
271.180

61, 47.623,
274.458

56, 54.933,
278.190

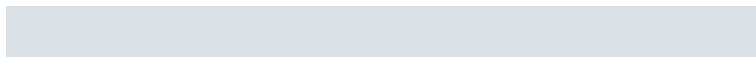
52, 62.373,
282.302

■ 49, 70.015,
286.630

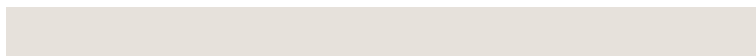
Harmonies

Complementary

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



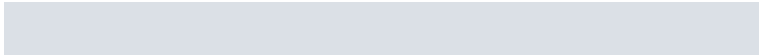
89, 3.565, 260.894



90, 3.578, 79.444

Rectangle

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



89, 3.565, 260.894



89, 3.565, 310.894



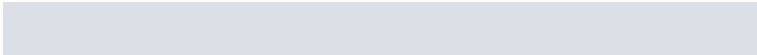
89, 3.565, 80.894



89, 3.565, 130.894

Sweetspot

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



89, 3.564, 260.861



99, 0.818, 260.755



90, 4.755, 165.181



53, 0.465, 260.774



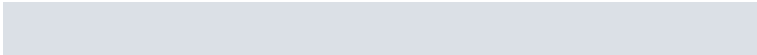
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 3.564, 260.861



97, 4.859, 261.009



88, 5.758, 291.949



46, 2.956, 261.082



36, 60.232, 288.074



8, 21.379, 279.830

Inverse Universe

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



88, 4.763, 346.467



96, 6.508, 346.598



91, 5.679, 111.047



46, 3.962, 346.657



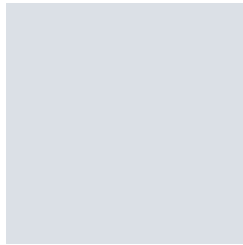
38, 64.599, 6.207



7, 27.227, 358.367

Previews

White Background



This preview shows how the CIE LCh color 89, 3.565, 260.894 looks on a white background.

Color Contrast Check

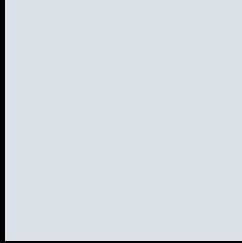
Large Text (above 18pt) WCAG AA × Fail

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 89, 3.565, 260.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

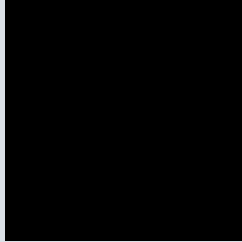
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

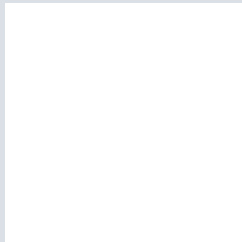
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 3.565, 260.894

Background



This preview shows how black text looks on a background with the CIELCh color 89, 3.565, 260.894.

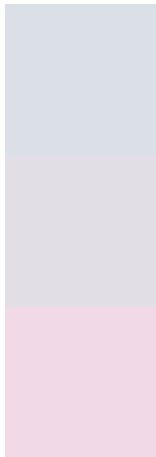


This preview shows how white text looks on a background with the CIELCh color 89, 3.565, 260.894.

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, 3.565, 260.894

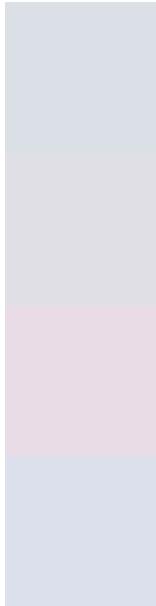
Protanopia
89, 3.939, 311.612

Deuteranopia
89, 11.648, 338.190



Tritanopia
89, 8.875, 286.437

Trichromacy



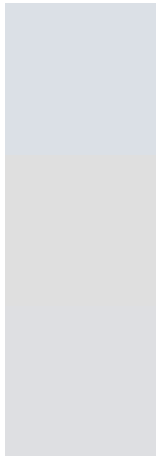
Original Color
89, 3.565, 260.894

Protanomaly
89, 3.133, 290.456

Deuteranomaly
89, 7.410, 329.257

Tritanomaly
89, 6.840, 281.959

Monochromacy



Original Color
89, 3.565, 260.894

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, 3.565, 260.894 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(219, 224, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 230)  
}
```

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(219, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 3.565, 260.894 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(219, 224, 230) }
```

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

```
.border{ border-color:rgb(219, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 3.565, 260.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 230) }
```

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

```
.background{ background-color: rgb(219,  
224, 230) }
```

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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