

Converting Colors

CIE LCh(89, 7.004, 230.302)

Have a look what the booklet for
CIELCh(89, 7.004, 230.302) contains.

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Color

CIELCh(89, 7.139, 229.890)

Conversions

Conversions Part 1

Format	Color
Hex	D1E3EA
RGB	209, 227, 234
RGB Percent	82%, 89%, 92%
CMY	0.1818, 0.1112, 0.0838
CMYK	0.11, 0.03, 0.00, 0.08
HSL	197°, 37%, 87%
HSV	197°, 11%, 92%
XYZ	68.3635, 74.1641, 88.2811
YIQ	222.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

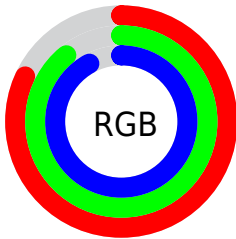
Format	Color
R _Y B	209, 219, 234
Decimal	13755370
CIE Lab	89.00, -4.60, -5.46
CIE LCh	89, 7.139, 229.890
Yxy	74.1641, 0.2962, 0.3213
Android (android.graphics.Color)	4291945450 (0xFFD1E3EA)
YUV	222.4160, 5.7109, -11.7658
Hunter-Lab	86.1186, -9.0090, -0.4958

Details

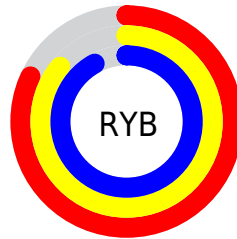
The CIELCh color `89, 7.139, 229.890` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 7.586, 48.394`, and the grayscale version is `88, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 7.214, 226.225` is the 20% darker color. If you saturate the color by 10%, you get `86, 13.474, 230.724`, and if you desaturate by 10%, it is `92, 0.479, 230.315`.

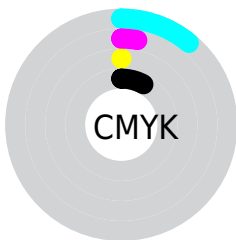
Distribution



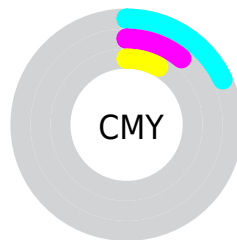
- Red (82%)
- Green (89%)
- Blue (92%)



- Red (82%)
- Yellow (86%)
- Blue (92%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 7.139, 229.890 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, 7.139, 229.890 by changing the saturation by 10% instead.

■ 89, 7.139, 229.890

■ 89, 7.139, 229.890

■ 100, 7.139,
229.890

■ 79, 7.139, 229.890

■ 69, 7.139, 229.890

■ 59, 7.139, 229.890

■ 49, 7.139, 229.890

■ 39, 7.139, 229.890

■ 29, 7.139, 229.890

■ 19, 7.139, 229.890

■ 9, 7.139, 229.890

■ 0, 7.139, 229.890

89, 7.139, 229.890

89, 7.139, 229.890

86, 13.474,
230.724

92, 0.479, 230.315

83, 19.402,
231.858

96, 6.313, 49.080

97, 7.138, 83.458

80, 24.835,
233.325

99, 9.739, 104.762

77, 29.690,
235.202

99, 10.812,
109.360

74, 33.904,
237.579

71, 37.449,
240.552

69, 40.361,
244.199

67, 42.754,
248.550

■ 65, 44.737,
253.082

Harmonies

Complementary

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



89, 7.139, 229.890



87, 7.586, 48.394

Rectangle

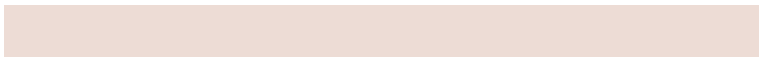
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 7.139, 229.890



89, 7.139, 279.890



89, 7.139, 49.890



89, 7.139, 99.890

Sweetspot

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



89, 7.139, 229.873



99, 2.187, 229.532



90, 13.126, 152.258



53, 1.654, 229.525



0, 0.000, 0.000



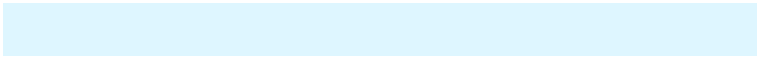
53, 0.007, 296.813

Same Dimension

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



89, 7.139, 229.873



95, 9.262, 230.049



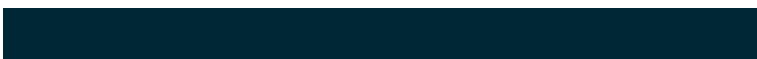
86, 10.221, 279.677



47, 3.814, 229.789



51, 36.719, 252.186



14, 14.970, 243.866

Inverse Universe

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



86, 13.063, 334.178



92, 17.069, 334.348



91, 10.122, 97.056



46, 6.954, 334.090



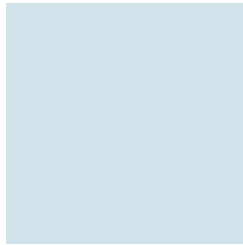
40, 72.340, 343.396



8, 31.862, 340.601

Previews

White Background



This preview shows how the CIELCh color 89, 7.139, 229.890 looks on a white background.

Color Contrast Check

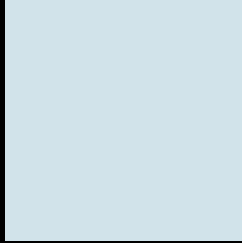
Large Text (above 18pt) WCAG AA × Fail

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, 7.139, 229.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

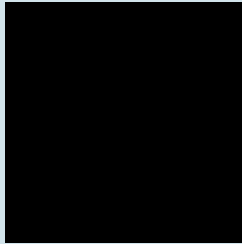
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

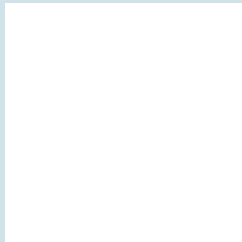
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.139, 229.890

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.139, 229.890.



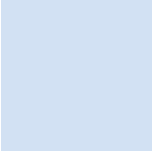
This preview shows how white text looks on a background with the CIELCh color 89, 7.139, 229.890.

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](#).

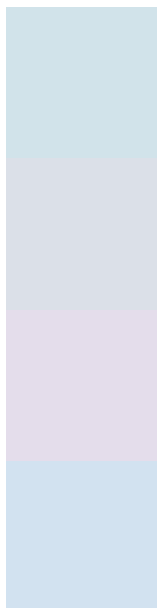
Dichromacy





Tritanopia
89, 10.565, 262.099

Trichromacy



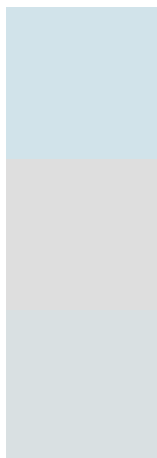
Original Color
89, 7.139, 229.890

Protanomaly
89, 4.497, 267.599

Deuteranomaly
89, 7.740, 309.315

Tritanomaly
89, 9.011, 253.400

Monochromacy



Original Color
89, 7.139, 229.890

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 2.673, 222.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 7.139, 229.890 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(209, 227, 234)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 234)  
}
```

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(209, 227, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 7.139, 229.890 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(209, 227, 234) }
```

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

```
.border{ border-color:rgb(209, 227, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 7.139, 229.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 234) }
```

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

```
.background{ background-color: rgb(209,  
227, 234) }
```

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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