

Converting Colors

CIELCh(89, 4.550, 179.157)

Have a look what the booklet for
CIELCh(89, 4.550, 179.157) contains.

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Color

CIELCh(89, 4.554, 179.154)

Conversions

Conversions Part 1

Format	Color
Hex	D6E2DF
RGB	214, 226, 223
RGB Percent	84%, 89%, 87%
CMY	0.1600, 0.1129, 0.1247
CMYK	0.05, 0.00, 0.01, 0.11
HSL	165°, 17%, 86%
HSV	165°, 5%, 89%
XYZ	68.3845, 74.1641, 80.6622
YIQ	222.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

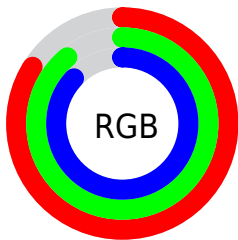
Format	Color
RYB	214, 221, 226
Decimal	14082783
CIELab	89.00, -4.55, 0.07
CIELCh	89, 4.554, 179.154
Yxy	74.1641, 0.3064, 0.3323
Android (android.graphics.Color)	4292272863 (0xFFD6E2DF)
YUV	222.0700, 0.4585, -7.0774
Hunter-Lab	86.1186, -8.9655, 4.7496

Details

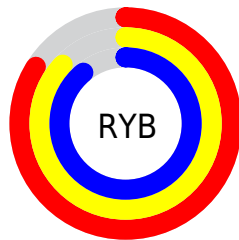
The CIELCh color $89, 4.554, 179.154$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 4.644, 359.879$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 4.791, 178.981$ is the 20% darker color. If you saturate the color by 10%, you get $87, 13.008, 178.113$, and if you desaturate by 10%, it is $91, 4.063, 359.779$.

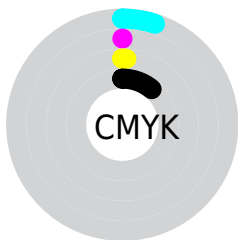
Distribution



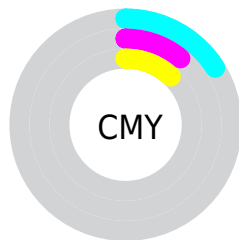
- Red (84%)
- Green (89%)
- Blue (87%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 4.554, 179.154 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, 4.554, 179.154 by changing the saturation by 10% instead.

■ 89, 4.554, 179.154

■ 89, 4.554, 179.154

■ 100, 4.554,
179.154

■ 79, 4.554, 179.154

■ 69, 4.554, 179.154

■ 59, 4.554, 179.154

■ 49, 4.554, 179.154

■ 39, 4.554, 179.154

■ 29, 4.554, 179.154

■ 19, 4.554, 179.154

■ 9, 4.554, 179.154

■ 0, 4.554, 179.154

89, 4.554, 179.154

89, 4.554, 179.154

87, 13.008,
178.113

91, 4.063, 359.779

86, 21.174,
177.088

92, 11.235,
357.793

85, 28.918,
175.995

93, 12.583,
345.385

83, 36.094,
174.811

93, 14.413,
335.795

82, 42.560,
173.513


93, 16.565,
328.583

82, 48.194,
172.076

93, 18.007,
325.049

81, 52.914,
170.476

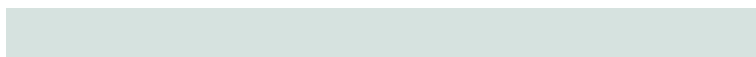
81, 56.703,
168.692

 80, 59.627,
166.719

Harmonies

Complementary

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



89, 4.554, 179.154



87, 4.644, 359.879

Rectangle

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



89, 4.554, 179.154



89, 4.554, 229.154



89, 4.554, 359.154



89, 4.554, 49.154

Sweetspot

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



89, 4.556, 179.137



100, 1.893, 179.632



89, 7.028, 136.582



53, 1.076, 179.657



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, 4.556, 179.137



99, 5.673, 179.056



88, 3.537, 223.792



47, 3.386, 178.994



64, 50.138, 166.136



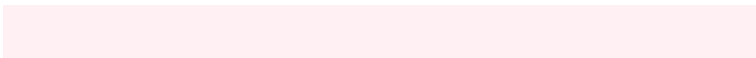
17, 19.552, 169.965

Inverse Universe

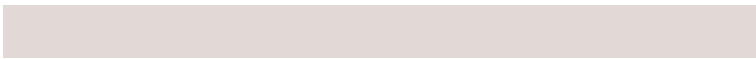
The Inverse Universe completely reimagines the original color for something new.



87, 4.644, 359.879



96, 5.795, 359.964



87, 3.646, 43.058



45, 3.466, 0.028



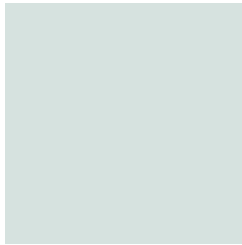
37, 68.074, 25.231



6, 25.297, 10.224

Previews

White Background



This preview shows how the CIELCh color 89, 4.554, 179.154 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, 4.554, 179.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

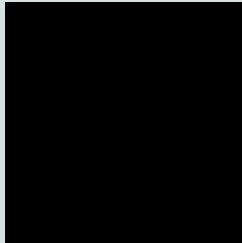
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

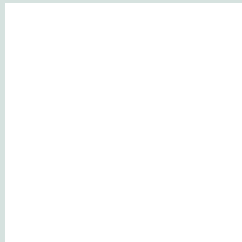
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 4.554, 179.154

Background



This preview shows how black text looks on a background with the CIELCh color 89, 4.554, 179.154.

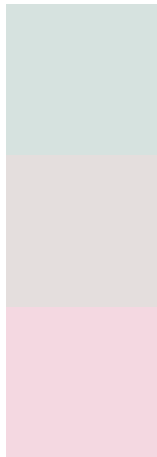


This preview shows how white text looks on a background with the CIELCh color 89, 4.554, 179.154.

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

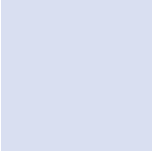
89, 4.554, 179.154

Protanopia

89, 2.219, 32.816

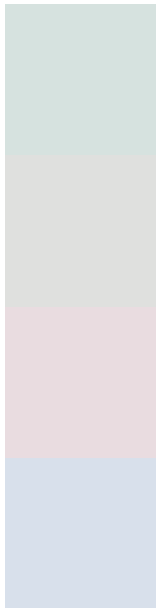
Deuteranopia

89, 11.198, 355.553



Tritanopia
89, 9.568, 278.503

Trichromacy



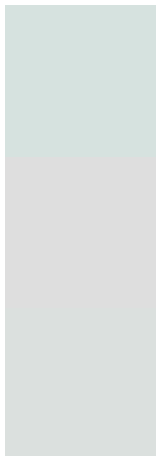
Original Color
89, 4.554, 179.154

Protanomaly
89, 1.094, 129.148

Deuteranomaly
89, 5.147, 355.846

Tritanomaly
89, 6.324, 264.587

Monochromacy



Original Color
89, 4.554, 179.154

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 2.074, 169.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 4.554, 179.154 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(214, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 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(214, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 4.554, 179.154 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(214, 226, 223) }
```

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

```
.border{ border-color:rgb(214, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 4.554, 179.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 223) }
```

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

```
.background{ background-color: rgb(214,  
226, 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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