

Converting Colors

CIELCh(89, 5.182, 205.075)

Have a look what the booklet for
CIELCh(89, 5.182, 205.075) contains.

CIELCh(89, 4.936, 205.259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 4.936, 205.259)

Conversions

Conversions Part 1

Format	Color
Hex	D4E2E3
RGB	212, 226, 227
RGB Percent	83%, 89%, 89%
CMY	0.1674, 0.1125, 0.1086
CMYK	0.07, 0.00, 0.00, 0.11
HSL	184°, 21%, 86%
HSV	184°, 7%, 89%
XYZ	68.4254, 74.1641, 83.6036
YIQ	221.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

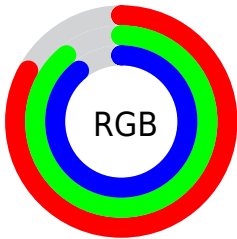
Format	Color
R _Y B	212, 219, 227
Decimal	13951715
CIE Lab	89.00, -4.46, -2.11
CIE LCh	89, 4.936, 205.259
Yxy	74.1641, 0.3025, 0.3279
Android (android.graphics.Color)	4292141795 (0xFFD4E2E3)
YUV	221.9280, 2.5005, -8.7069
Hunter-Lab	86.1186, -8.8806, 2.7245

Details

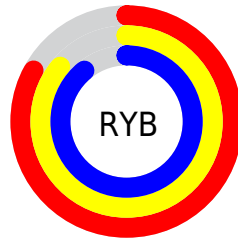
The CIELCh color `89, 4.936, 205.259` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 5.150, 25.458`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 5.172, 205.174` is the 20% darker color. If you saturate the color by 10%, you get `87, 12.077, 204.900`, and if you desaturate by 10%, it is `91, 2.600, 25.203`.

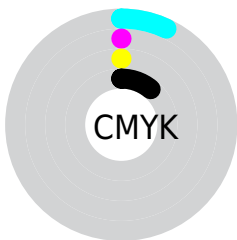
Distribution



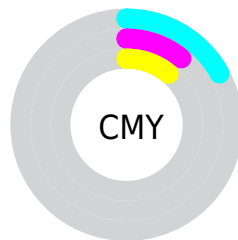
- Red (83%)
- Green (89%)
- Blue (89%)



- Red (83%)
- Yellow (86%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 4.936, 205.259 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, 4.936, 205.259 by changing the saturation by 10% instead.

■ 89, 4.936, 205.259

■ 89, 4.936, 205.259

■ 100, 4.936,
205.259

■ 79, 4.936, 205.259

■ 69, 4.936, 205.259

■ 59, 4.936, 205.259

■ 49, 4.936, 205.259

■ 39, 4.936, 205.259

■ 29, 4.936, 205.259

■ 19, 4.936, 205.259

■ 9, 4.936, 205.259

■ 0, 4.936, 205.259

89, 4.936, 205.259

89, 4.936, 205.259

87, 12.077,
204.900

91, 2.600, 25.203

85, 18.703,
204.701

93, 9.410, 26.306

84, 24.693,
204.612

93, 8.986, 31.544

82, 29.922,
204.648

94, 8.645, 37.244

81, 34.279,
204.832

94, 8.398, 43.341

80, 37.679,
205.185

95, 8.252, 49.727

79, 40.085,
205.732

95, 8.213, 56.252

78, 41.515,
206.493

95, 8.281, 62.748

96, 8.454, 69.051

■ 78, 42.074,
207.481

Harmonies

Complementary

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



89, 4.936, 205.259



86, 5.150, 25.458

Rectangle

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



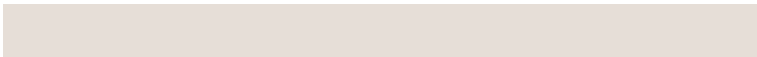
89, 4.936, 205.259



89, 4.936, 255.259



89, 4.936, 25.259



89, 4.936, 75.259

Sweetspot

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



89, 4.937, 205.236



100, 1.660, 205.657



89, 9.222, 145.453



53, 0.944, 205.682



0, 0.000, 0.000



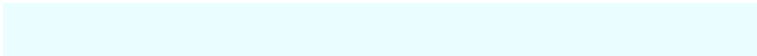
53, 0.007, 296.813

Same Dimension

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



89, 4.937, 205.236



98, 6.544, 205.172



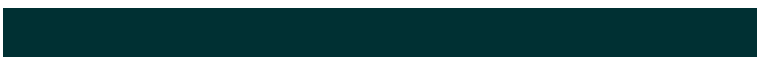
87, 4.891, 261.569



47, 4.250, 205.117



62, 35.226, 207.651



17, 14.950, 205.773

Inverse Universe

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



87, 9.139, 326.619



95, 12.169, 326.707



88, 4.932, 79.732



45, 7.938, 326.792



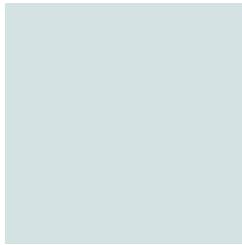
42, 83.949, 331.058



8, 35.512, 330.595

Previews

White Background



This preview shows how the CIE LCh color 89, 4.936, 205.259 looks on a white background.

Color Contrast Check

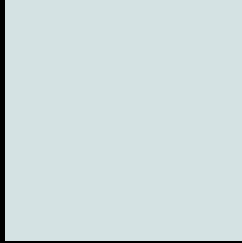
Large Text (above 18pt) WCAG AA × Fail

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, 4.936, 205.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

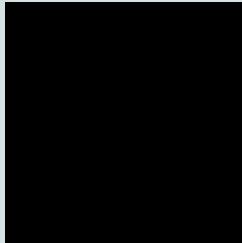
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

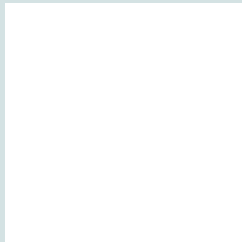
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 4.936, 205.259

Background



This preview shows how black text looks on a background with the CIELCh color 89, 4.936, 205.259.

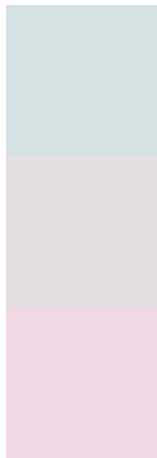


This preview shows how white text looks on a background with the CIELCh color 89, 4.936, 205.259.

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, 4.936, 205.259

Protanopia

89, 2.396, 338.626

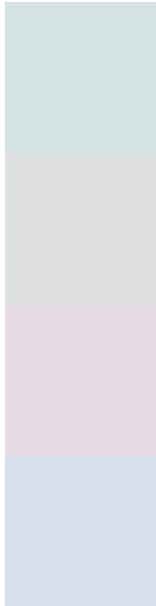
Deuteranopia

89, 11.577, 344.521



Tritanopia
89, 9.810, 272.641

Trichromacy



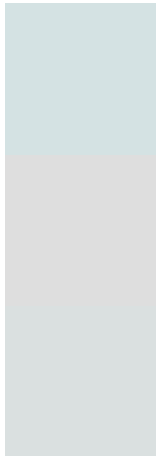
Original Color
89, 4.936, 205.259

Protanomaly
89, 1.259, 255.954

Deuteranomaly
89, 5.766, 333.458

Tritanomaly
89, 7.247, 259.082

Monochromacy



Original Color
89, 4.936, 205.259

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 2.131, 199.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 4.936, 205.259 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(212, 226, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 227)  
}
```

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(212, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 4.936, 205.259 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(212, 226, 227) }
```

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

```
.border{ border-color:rgb(212, 226, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 226, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 4.936, 205.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 227) }
```

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

```
.background{ background-color: rgb(212,  
226, 227) }
```

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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