

Converting Colors

CIELCh(89, 5.939, 256.540)

Have a look what the booklet for
CIELCh(89, 5.939, 256.540) contains.

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Color

CIELCh(89, 5.783, 253.613)

Conversions

Conversions Part 1

Format	Color
Hex	D7E1EA
RGB	215, 225, 234
RGB Percent	84%, 88%, 92%
CMY	0.1572, 0.1180, 0.0827
CMYK	0.08, 0.04, 0.00, 0.08
HSL	208°, 31%, 88%
HSV	208°, 8%, 92%
XYZ	69.7312, 74.1641, 88.4063
YIQ	223.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

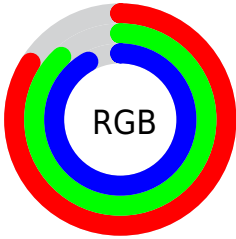
Format	Color
R _Y B	215, 222, 234
Decimal	14148074
CIE Lab	89.00, -1.63, -5.55
CIE LCh	89, 5.783, 253.613
Yxy	74.1641, 0.3002, 0.3193
Android (android.graphics.Color)	4292338154 (0xFFD7E1EA)
YUV	223.0360, 5.4053, -7.0476
Hunter-Lab	86.1186, -6.1741, -0.5820

Details

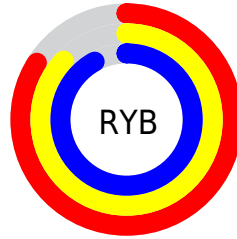
The CIELCh color `89, 5.783, 253.613` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 5.909, 71.460`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 5.647, 250.460` is the 20% darker color. If you saturate the color by 10%, you get `85, 12.801, 255.029`, and if you desaturate by 10%, it is `94, 1.335, 71.947`.

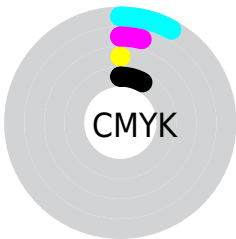
Distribution



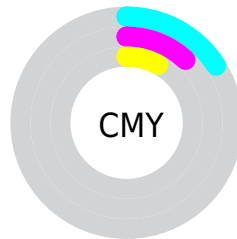
- Red (84%)
- Green (88%)
- Blue (92%)



- Red (84%)
- Yellow (87%)
- Blue (92%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 5.783, 253.613 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, 5.783, 253.613 by changing the saturation by 10% instead.

■ 89, 5.783, 253.613

■ 89, 5.783, 253.613

■ 100, 5.783,
253.613

■ 79, 5.783, 253.613

■ 69, 5.783, 253.613

■ 59, 5.783, 253.613

■ 49, 5.783, 253.613

■ 39, 5.783, 253.613

■ 29, 5.783, 253.613

■ 19, 5.783, 253.613

■ 9, 5.783, 253.613

■ 0, 5.783, 253.613

89, 5.783, 253.613

89, 5.783, 253.613

85, 12.801,
255.029

94, 1.335, 71.947

80, 19.686,
256.784

98, 7.263, 86.426

76, 26.404,
258.895

100, 10.680,
109.369

71, 32.932,
261.426

67, 39.265,
264.438

63, 45.432,
267.974

60, 51.506,
272.029

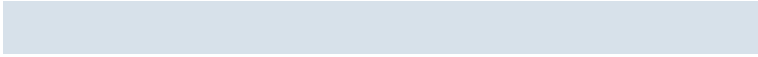
56, 57.600,
276.525

■ 53, 63.852,
281.250

Harmonies

Complementary

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



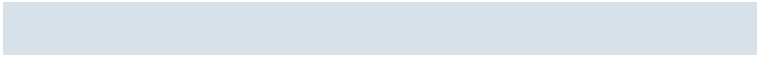
89, 5.783, 253.613



90, 5.909, 71.460

Rectangle

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



89, 5.783, 253.613



89, 5.783, 303.613



89, 5.783, 73.613



89, 5.783, 123.613

Sweetspot

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



89, 5.782, 253.593



99, 1.539, 253.036



91, 8.595, 161.290



53, 0.875, 253.040



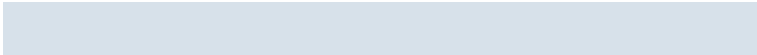
0, 0.000, 0.000



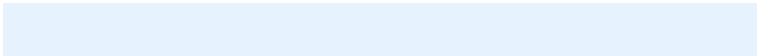
53, 0.007, 296.813

Same Dimension

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



89, 5.782, 253.593



95, 7.625, 253.843



87, 9.629, 289.679



47, 4.050, 253.766



41, 52.862, 281.268



10, 19.657, 272.857

Inverse Universe

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



88, 8.640, 342.861



93, 11.435, 343.035



92, 9.454, 108.007



46, 6.067, 342.983



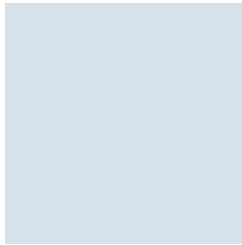
39, 65.892, 359.441



8, 28.878, 353.224

Previews

White Background



This preview shows how the CIELCh color 89, 5.783, 253.613 looks on a white background.

Color Contrast Check

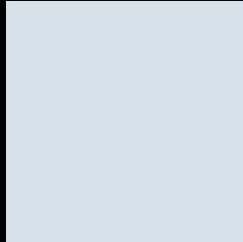
Large Text (above 18pt) WCAG AA × Fail

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, 5.783, 253.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

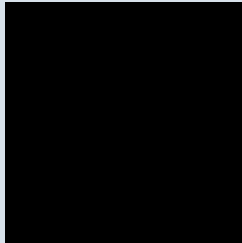
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

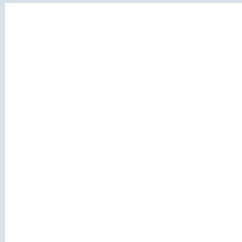
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 5.783, 253.613

Background



This preview shows how black text looks on a background with the CIELCh color 89, 5.783, 253.613.

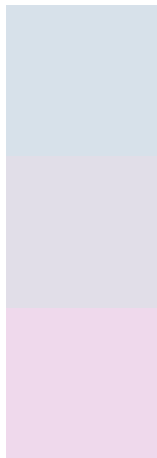


This preview shows how white text looks on a background with the CIELCh color 89, 5.783, 253.613.

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](#).

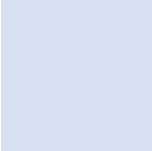
Dichromacy



Original Color
89, 5.783, 253.613

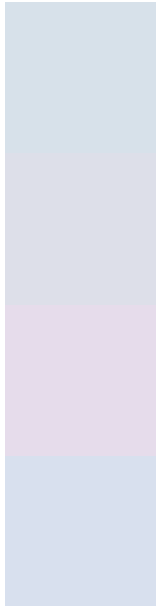
Protanopia
89, 5.339, 302.040

Deuteranopia
89, 12.663, 328.924



Tritanopia
89, 9.220, 273.570

Trichromacy



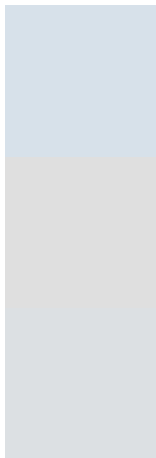
Original Color
89, 5.783, 253.613

Protanomaly
89, 5.251, 282.946

Deuteranomaly
89, 8.625, 314.911

Tritanomaly
89, 7.750, 269.893

Monochromacy



Original Color
89, 5.783, 253.613

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.098, 247.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 5.783, 253.613 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(215, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 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(215, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 5.783, 253.613 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(215, 225, 234) }
```

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

```
.border{ border-color:rgb(215, 225, 234) }
```

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

Here you see how a box with a 4 pixel rgb(215, 225, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 5.783, 253.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 234) }
```

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

```
.background{ background-color: rgb(215,  
225, 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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