

Converting Colors

CIELCh(89, 6.860, 285.691)

Have a look what the booklet for
CIELCh(89, 6.860, 285.691) contains.

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Color

CIELCh(89, 6.802, 284.859)

Conversions

Conversions Part 1

Format	Color
Hex	DDDFEC
RGB	221, 223, 236
RGB Percent	87%, 87%, 93%
CMY	0.1335, 0.1257, 0.0747
CMYK	0.06, 0.06, 0.00, 0.07
HSL	232°, 28%, 90%
HSV	232°, 6%, 93%
XYZ	71.3090, 74.1641, 89.8734
YIQ	223.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

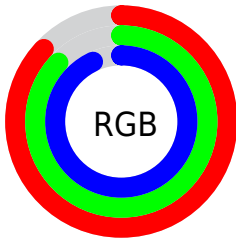
Format	Color
R _{YB}	221, 223, 236
Decimal	14540780
CIE Lab	89.00, 1.74, -6.57
CIE LCh	89, 6.802, 284.859
Yxy	74.1641, 0.3030, 0.3151
Android (android.graphics.Color)	4292730860 (0xFFDDDFEC)
YUV	223.8840, 5.9732, -2.5293
Hunter-Lab	86.1186, -2.9038, -1.5921

Details

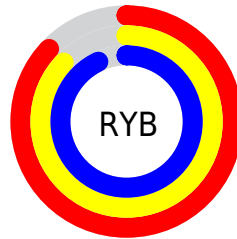
The CIELCh color `89, 6.802, 284.859` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 6.718, 103.417`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 6.622, 284.515` is the 20% darker color. If you saturate the color by 10%, you get `82, 17.780, 286.104`, and if you desaturate by 10%, it is `96, 3.816, 103.706`.

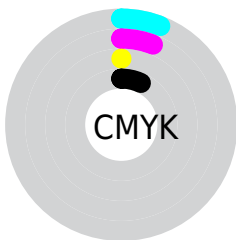
Distribution



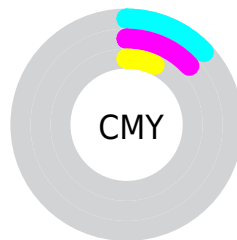
- Red (87%)
- Green (87%)
- Blue (93%)



- Red (87%)
- Yellow (87%)
- Blue (93%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 6.802, 284.859 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, 6.802, 284.859 by changing the saturation by 10% instead.

■ 89, 6.802, 284.859

■ 89, 6.802, 284.859

■ 100, 6.802,
284.859

■ 79, 6.802, 284.859

■ 69, 6.802, 284.859

■ 59, 6.802, 284.859

■ 49, 6.802, 284.859

■ 39, 6.802, 284.859

■ 29, 6.802, 284.859

■ 19, 6.802, 284.859

■ 9, 6.802, 284.859

■ 0, 6.802, 284.859

89, 6.802, 284.859

89, 6.802, 284.859

82, 17.780,
286.104

96, 3.816, 103.706

75, 29.153,
287.590

100, 9.644,
109.447

68, 40.955,
289.333

61, 53.219,
291.363

55, 65.955,
293.689

48, 79.085,
296.275

42, 92.312,
299.005

37, 104.900,
301.658

■ 33,115.533,
303.926

Harmonies

Complementary

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



89, 6.802, 284.859



93, 6.718, 103.417

Rectangle

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



89, 6.802, 284.859



89, 6.802, 334.859



89, 6.802, 104.859



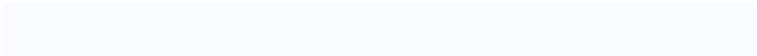
89, 6.802, 154.859

Sweetspot

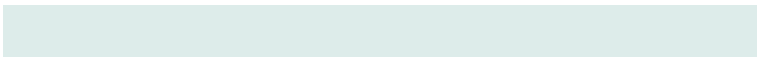
The Sweet Spot groups the original color and five complimentary colors.



89, 6.800, 284.847



99, 2.270, 284.399



92, 5.400, 186.710



53, 1.291, 284.392



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, 6.800, 284.847



94, 9.136, 285.042



89, 8.067, 304.000



45, 6.077, 285.213



24, 96.215, 304.246



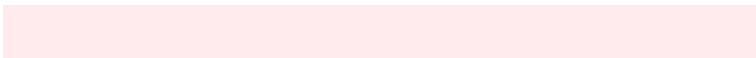
4, 32.434, 295.130

Inverse Universe

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



89, 5.536, 8.885



95, 7.458, 9.062



93, 7.961, 123.342



46, 4.971, 9.211



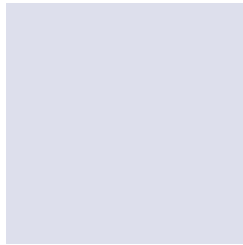
38, 75.026, 33.895



7, 28.055, 17.233

Previews

White Background



This preview shows how the CIELCh color 89, 6.802, 284.859 looks on a white background.

Color Contrast Check

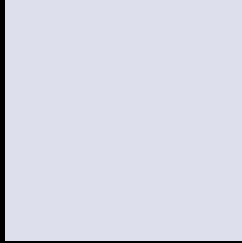
Large Text (above 18pt) WCAG AA × Fail

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, 6.802, 284.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

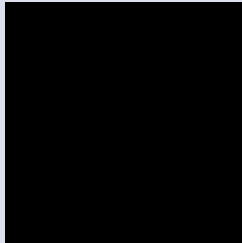
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

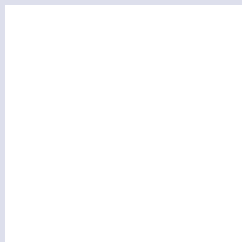
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 6.802, 284.859

Background



This preview shows how black text looks on a background with the CIELCh color 89, 6.802, 284.859.

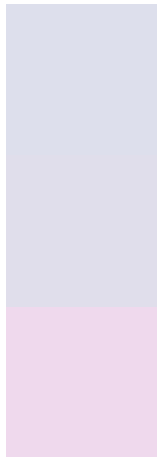


This preview shows how white text looks on a background with the CIELCh color 89, 6.802, 284.859.

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

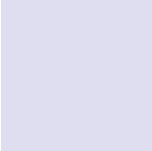
89, 6.802, 284.859

Protanopia

89, 6.828, 296.628

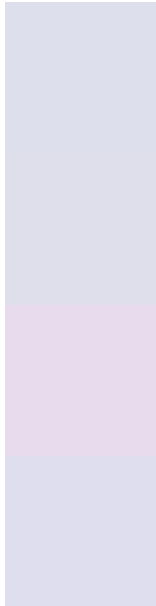
Deuteranopia

89, 13.071, 327.505



Tritanopia
89, 9.387, 290.951

Trichromacy



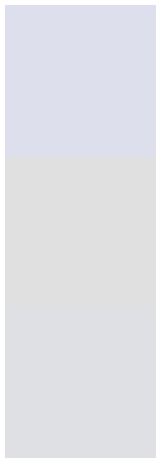
Original Color
89, 6.802, 284.859

Protanomaly
89, 6.797, 293.692

Deuteranomaly
89, 10.498, 316.733

Tritanomaly
89, 8.866, 290.909

Monochromacy



Original Color
89, 6.802, 284.859

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.115, 280.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 6.802, 284.859 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(221, 223, 236)` looks like.

```
.text, #text, p{  
    color:rgb(221, 223, 236)  
}
```

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(221, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 223, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 6.802, 284.859 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(221, 223, 236) }
```

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

```
.border{ border-color:rgb(221, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(221, 223,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 6.802, 284.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 223, 236) }
```

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

```
.background{ background-color: rgb(221,  
223, 236) }
```

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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