

Converting Colors

CIELCh(85, 2.929, 232.065)

Have a look what the booklet for
CIELCh(85, 2.929, 232.065) contains.

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Color

CIELCh(85, 2.931, 232.066)

Conversions

Conversions Part 1

Format	Color
Hex	CED5D8
RGB	206, 213, 216
RGB Percent	81%, 84%, 85%
CMY	0.1903, 0.1628, 0.1510
CMYK	0.05, 0.01, 0.00, 0.15
HSL	198°, 11%, 83%
HSV	198°, 5%, 85%
XYZ	61.9619, 66.0070, 74.7709
YIQ	211.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

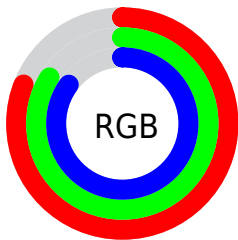
Format	Color
R _Y B	206, 210, 216
Decimal	13555160
CIE Lab	85.00, -1.80, -2.31
CIE LCh	85, 2.931, 232.066
Yxy	66.0070, 0.3056, 0.3256
Android (android.graphics.Color)	4291745240 (0xFFCED5D8)
YUV	211.2490, 2.3422, -4.6034
Hunter-Lab	81.2447, -6.0438, 2.3057

Details

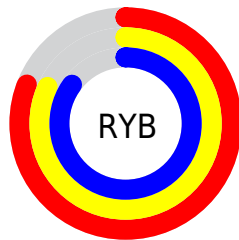
The CIELCh color $85, 2.931, 232.066$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 2.996, 51.034$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 2.782, 236.310$ is the 20% darker color. If you saturate the color by 10%, you get $82, 9.076, 232.747$, and if you desaturate by 10%, it is $88, 3.460, 51.019$.

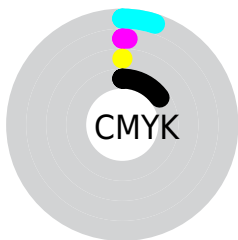
Distribution



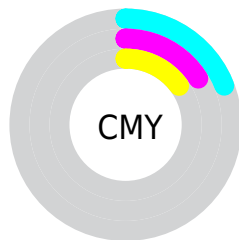
- Red (81%)
- Green (84%)
- Blue (85%)



- Red (81%)
- Yellow (82%)
- Blue (85%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 2.931, 232.066 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 85, 2.931, 232.066 by changing the saturation by 10% instead.

■ 85, 2.931, 232.066

■ 85, 2.931, 232.066

■ 100, 2.931,
232.066

■ 75, 2.931, 232.066

■ 65, 2.931, 232.066

■ 55, 2.931, 232.066

■ 45, 2.931, 232.066

■ 35, 2.931, 232.066

■ 25, 2.931, 232.066

■ 15, 2.931, 232.066

■ 5, 2.931, 232.066

■ 0, 2.931, 232.066

85, 2.931, 232.066

85, 2.931, 232.066

82, 9.076, 232.747

88, 3.460, 51.019

79, 14.908,
233.803

92, 10.038, 50.599

76, 20.350,
235.165

94, 11.766, 65.484

95, 13.072, 83.075

73, 25.328,
236.899

97, 15.347, 96.374

70, 29.776,
239.087

98, 18.218,
105.784

67, 33.652,
241.822

99, 19.468,
108.704

65, 36.956,
245.190

63, 39.754,
249.245

■ 60, 42.189,
253.967

Harmonies

Complementary

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



85, 2.931, 232.066



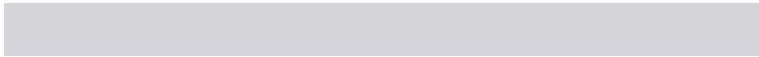
84, 2.996, 51.034

Rectangle

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



85, 2.931, 232.066



85, 2.931, 282.066



85, 2.931, 52.066



85, 2.931, 102.066

Sweetspot

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



85, 2.931, 232.023



100, 0.733, 232.409



86, 5.243, 153.378



53, 0.417, 232.448



0, 0.000, 0.000



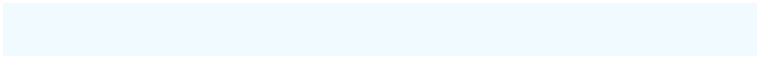
53, 0.007, 296.813

Same Dimension

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



85, 2.931, 232.023



98, 4.333, 232.089



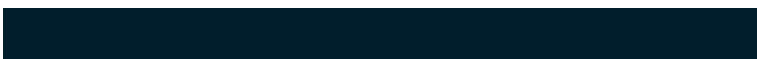
84, 4.199, 279.964



44, 2.488, 232.120



47, 36.156, 255.733



10, 13.200, 244.913

Inverse Universe

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



84, 5.205, 334.516



96, 7.727, 334.630



86, 4.164, 98.816



43, 4.443, 334.671



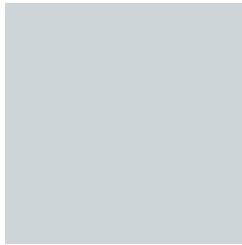
38, 68.467, 344.734



6, 26.472, 341.074

Previews

White Background



This preview shows how the CIE LCh color 85, 2.931, 232.066 looks on a white background.

Color Contrast Check

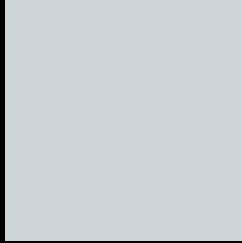
Large Text (above 18pt) WCAG AA × Fail

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 85, 2.931, 232.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

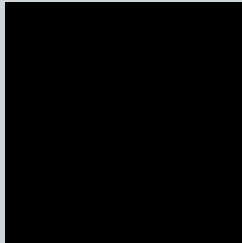
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

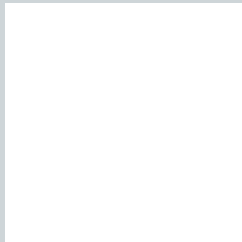
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 2.931, 232.066

Background



This preview shows how black text looks on a background with the CIELCh color 85, 2.931, 232.066.

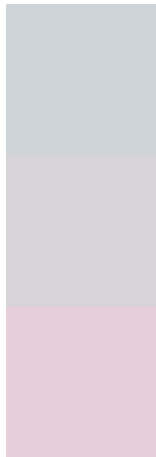


This preview shows how white text looks on a background with the CIELCh color 85, 2.931, 232.066.

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

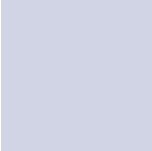
85, 2.931, 232.066

Protanopia

85, 2.573, 324.438

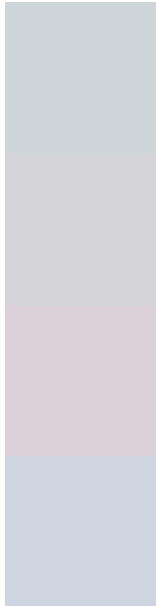
Deuteranopia

85, 10.785, 344.490



Tritanopia
85, 8.509, 281.470

Trichromacy



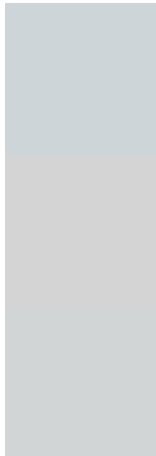
Original Color
85, 2.931, 232.066

Protanomaly
85, 2.112, 290.389

Deuteranomaly
85, 6.074, 335.983

Tritanomaly
85, 6.122, 270.558

Monochromacy



Original Color
85, 2.931, 232.066

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.195, 225.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 2.931, 232.066 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(206, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 216)  
}
```

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(206, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 2.931, 232.066 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(206, 213, 216) }
```

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

```
.border{ border-color:rgb(206, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 2.931, 232.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 216) }
```

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

```
.background{ background-color: rgb(206,  
213, 216) }
```

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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