

Converting Colors

CIELCh(85, 10.106, 234.398)

Have a look what the booklet for
CIELCh(85, 10.106, 234.398)
contains.

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Color

CIELCh(85, 9.931, 234.737)

Conversions

Conversions Part 1

Format	Color
Hex	C0D8E3
RGB	192, 216, 227
RGB Percent	75%, 85%, 89%
CMY	0.2463, 0.1521, 0.1090
CMYK	0.15, 0.05, 0.00, 0.11
HSL	199°, 39%, 82%
HSV	199°, 15%, 89%
XYZ	60.2914, 66.0070, 82.3852
YIQ	210.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

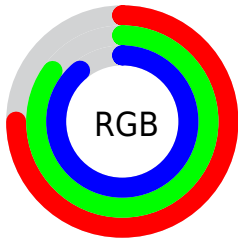
Format	Color
R_{YB}	192, 206, 227
Decimal	12638435
CIE _{Lab}	85.00, -5.73, -8.11
CIE _{LCh}	85, 9.931, 234.737
Yxy	66.0070, 0.2889, 0.3163
Android (android.graphics.Color)	4290828515 (0xFFC0D8E3)
YUV	210.0780, 8.3425, -15.8544
Hunter-Lab	81.2447, -9.7139, -3.2510

Details

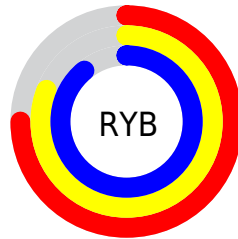
The CIELCh color `85, 9.931, 234.737` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 10.801, 52.194`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 2.081, 199.592`, and `65, 10.079, 236.389` is the 20% darker color. If you saturate the color by 10%, you get `82, 15.985, 235.882`, and if you desaturate by 10%, it is `88, 3.558, 233.892`.

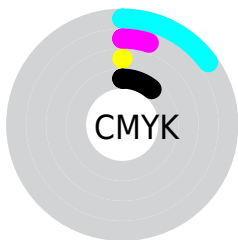
Distribution



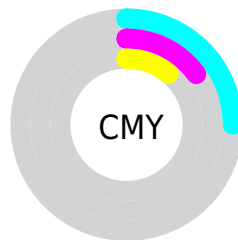
- Red (75%)
- Green (85%)
- Blue (89%)



- Red (75%)
- Yellow (81%)
- Blue (89%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.931, 234.737 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, 9.931, 234.737 by changing the saturation by 10% instead.

■ 85, 9.931, 234.737

■ 85, 9.931, 234.737

■ 100, 9.931,
234.737

■ 75, 9.931, 234.737

■ 65, 9.931, 234.737

■ 55, 9.931, 234.737

■ 45, 9.931, 234.737

■ 35, 9.931, 234.737

■ 25, 9.931, 234.737

■ 15, 9.931, 234.737

■ 5, 9.931, 234.737

■ 0, 9.931, 234.737

85, 9.931, 234.737

85, 9.931, 234.737

82, 15.985,
235.882

88, 3.558, 233.892

78, 21.647,
237.359

92, 3.065, 52.820

75, 26.841,
239.225

95, 8.267, 59.738

72, 31.505,
241.566

99, 12.568,
104.078

70, 35.603,
244.474

99, 14.063,
109.115

67, 39.150,
248.028

64, 42.225,
252.269

62, 44.991,
257.150

■ 61, 46.258,
259.471

Harmonies

Complementary

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



85, 9.931, 234.737



83, 10.801, 52.194

Rectangle

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



85, 9.931, 234.737



85, 9.931, 284.737



85, 9.931, 54.737



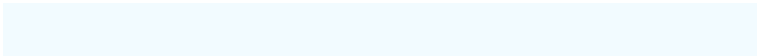
85, 9.931, 104.737

Sweetspot

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



85, 9.931, 234.726



98, 3.616, 233.873



87, 18.063, 153.174



52, 2.464, 233.911



0, 0.000, 0.000



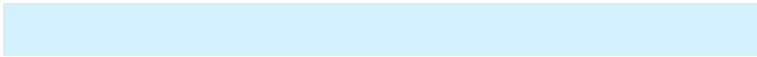
53, 0.007, 296.813

Same Dimension

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



85, 9.931, 234.726



93, 12.663, 235.010



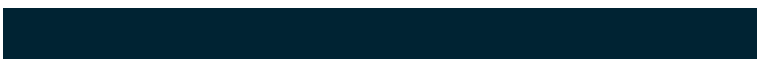
81, 15.039, 282.353



46, 3.738, 234.179



49, 38.298, 258.581



12, 14.958, 249.341

Inverse Universe

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



81, 18.004, 335.935



89, 23.135, 336.141



88, 14.784, 98.625



45, 6.664, 335.489



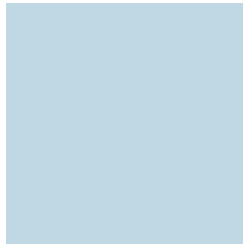
39, 70.040, 345.887



7, 30.270, 342.401

Previews

White Background



This preview shows how the CIELCh color 85, 9.931, 234.737 looks on a white background.

Color Contrast Check

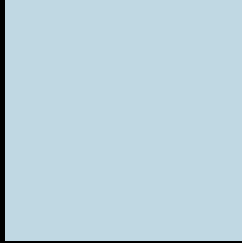
Large Text (above 18pt) WCAG AA × Fail

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, 9.931, 234.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

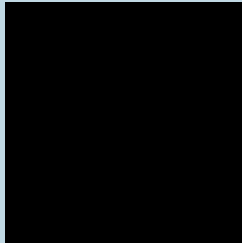
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

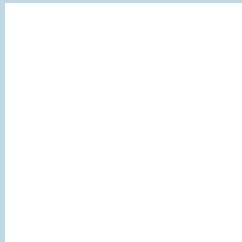
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 9.931, 234.737

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.931, 234.737.

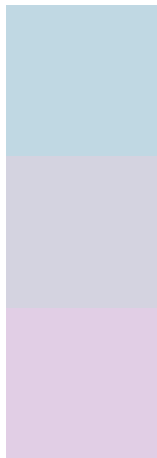


This preview shows how white text looks on a background with the CIELCh color 85, 9.931, 234.737.

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

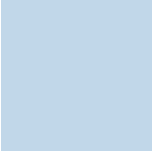
85, 9.931, 234.737

Protanopia

85, 6.861, 293.716

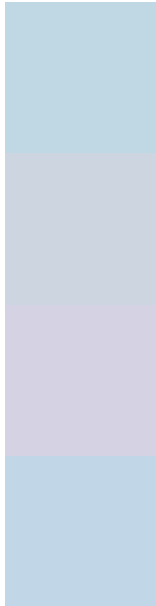
Deuteranopia

85, 13.924, 320.023



Tritanopia
85, 11.888, 252.134

Trichromacy



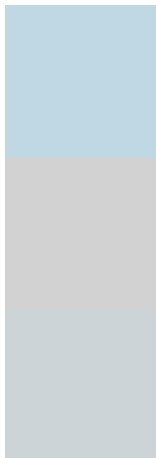
Original Color
85, 9.931, 234.737

Protanomaly
85, 6.855, 266.650

Deuteranomaly
85, 9.558, 297.300

Tritanomaly
85, 11.112, 248.529

Monochromacy



Original Color
85, 9.931, 234.737

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.511, 236.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.931, 234.737 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(192, 216, 227)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 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(192, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.931, 234.737 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(192, 216, 227) }
```

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

```
.border{ border-color:rgb(192, 216, 227) }
```

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

Here you see how a box with a 4 pixel rgb(192, 216, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.931, 234.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 227) }
```

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

```
.background{ background-color: rgb(192,  
216, 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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