

Converting Colors

CIELCh(85, 11.986, 267.554)

Have a look what the booklet for
CIELCh(85, 11.986, 267.554)
contains.

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Color

CIELCh(85, 12.406, 268.602)

Conversions

Conversions Part 1

Format	Color
Hex	C7D5EB
RGB	199, 213, 235
RGB Percent	78%, 84%, 92%
CMY	0.2180, 0.1631, 0.0768
CMYK	0.15, 0.09, 0.00, 0.08
HSL	217°, 48%, 85%
HSV	217°, 15%, 92%
XYZ	62.6069, 66.0070, 88.3462
YIQ	211.3220, -15.4060, 3.8740

Conversions

Conversions Part 2

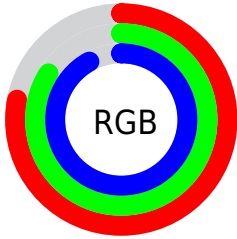
Format	Color
R _Y B	199, 209, 235
Decimal	13096427
CIE Lab	85.00, -0.30, -12.40
CIE LCh	85, 12.406, 268.602
Yxy	66.0070, 0.2886, 0.3042
Android (android.graphics.Color)	4291286507 (0xFFC7D5EB)
YUV	211.3220, 11.6733, -10.8064
Hunter-Lab	81.2447, -4.6267, -7.6011

Details

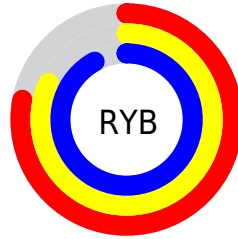
The CIELCh color `85, 12.406, 268.602` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 12.573, 84.433`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 12.434, 269.717` is the 20% darker color. If you saturate the color by 10%, you get `80, 20.592, 270.301`, and if you desaturate by 10%, it is `90, 4.283, 267.180`.

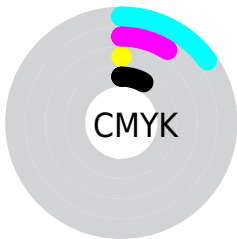
Distribution



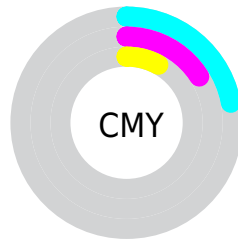
- Red (78%)
- Green (84%)
- Blue (92%)



- Red (78%)
- Yellow (82%)
- Blue (92%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)





- Cyan (22%)
- Magenta (16%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 12.406, 268.602 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, 12.406, 268.602 by changing the saturation by 10% instead.


 85, 12.406,
268.602


 85, 12.406,
268.602


 100, 12.406,
268.602


 75, 12.406,
268.602

 65, 12.406,
268.602

 55, 12.406,
268.602

 45, 12.406,
268.602

 35, 12.406,
268.602

 25, 12.406,
268.602

 15, 12.406,

268.602

■ 5, 12.406, 268.602

■ 0, 12.406, 268.602

■ 85, 12.406,
268.602

■ 85, 12.406,
268.602

■ 80, 20.592,
270.301

■ 90, 4.283, 267.180

■ 96, 3.766, 85.766

■ 74, 28.841,
272.313

■ 100, 9.918,
109.427

■ 69, 37.158,
274.677

■ 64, 45.565,
277.437

■ 59, 54.102,

280.612

■ 54, 62.825,
284.180

■ 50, 71.777,
288.044

■ 45, 80.932,
292.022

■ 44, 85.280,
293.806

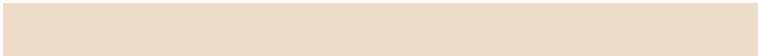
Harmonies

Complementary

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



85, 12.406, 268.602



89, 12.573, 84.433

Rectangle

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



85, 12.406, 268.602



85, 12.406, 318.602



85, 12.406, 88.602



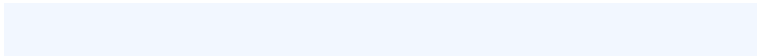
85, 12.406, 138.602

Sweetspot

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



85, 12.405, 268.595



97, 4.313, 267.147



90, 14.780, 168.038



51, 2.943, 267.233



0, 0.000, 0.000



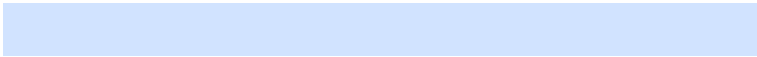
53, 0.007, 296.813

Same Dimension

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



85, 12.405, 268.595



90, 15.591, 269.041



82, 19.196, 295.496



46, 4.584, 267.730



34, 68.808, 293.120



7, 24.844, 285.798

Inverse Universe

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



84, 15.136, 351.528



88, 19.079, 351.830



92, 18.543, 112.857



46, 5.554, 350.918



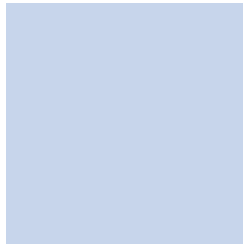
38, 65.708, 12.657



7, 27.922, 3.649

Previews

White Background



This preview shows how the CIELCh color 85, 12.406, 268.602 looks on a white background.

Color Contrast Check

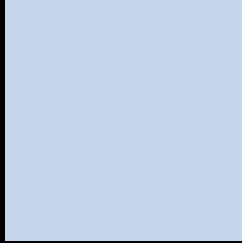
Large Text (above 18pt) WCAG AA × Fail

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, 12.406, 268.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

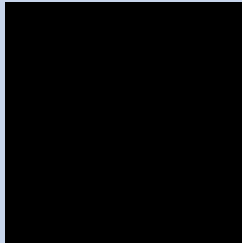
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

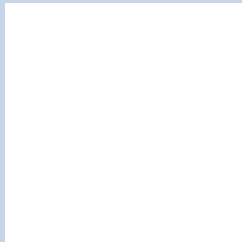
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 12.406, 268.602

Background



This preview shows how black text looks on a background with the CIELCh color 85, 12.406, 268.602.



This preview shows how white text looks on a background with the CIELCh color 85, 12.406, 268.602.

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](#).

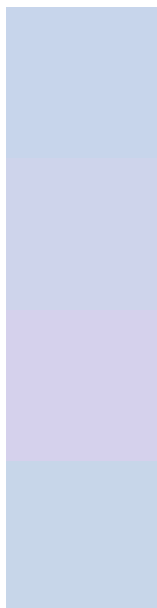
Dichromacy





Tritanopia
85, 10.206, 260.678

Trichromacy



Original Color
85, 12.406, 268.602

Protanomaly
85, 12.232, 281.526

Deuteranomaly
85, 14.319, 296.906

Tritanomaly
85, 11.115, 263.586

Monochromacy



Original Color
85, 12.406, 268.602

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.680, 263.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 12.406, 268.602 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(199, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(199, 213, 235)  
}
```

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(199, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 12.406, 268.602 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(199, 213, 235) }
```

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

```
.border{ border-color:rgb(199, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(199, 213,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 12.406, 268.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 213, 235) }
```

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

```
.background{ background-color: rgb(199,  
213, 235) }
```

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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