

Converting Colors

CIELCh(83, 5.575, 263.491)

Have a look what the booklet for
CIELCh(83, 5.575, 263.491) contains.

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Color

CIELCh(83, 5.796, 265.421)

Conversions

Conversions Part 1

Format	Color
Hex	C8CFD9
RGB	200, 207, 217
RGB Percent	78%, 81%, 85%
CMY	0.2142, 0.1868, 0.1476
CMYK	0.08, 0.05, 0.00, 0.15
HSL	215°, 18%, 82%
HSV	215°, 8%, 85%
XYZ	58.8920, 62.1629, 74.7931
YIQ	206.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

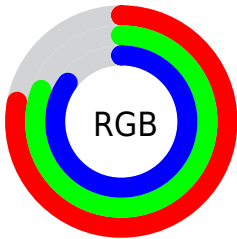
Format	Color
R _Y B	200, 205, 217
Decimal	13160409
CIE Lab	83.00, -0.46, -5.78
CIE LCh	83, 5.796, 265.421
Yxy	62.1629, 0.3007, 0.3174
Android (android.graphics.Color)	4291350489 (0xFFC8CFD9)
YUV	206.0470, 5.3998, -5.3032
Hunter-Lab	78.8435, -4.6458, -1.0537

Details

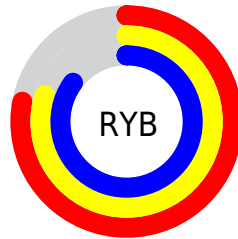
The CIELCh color $83, 5.796, 265.421$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 5.835, 83.275$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 5.618, 263.215$ is the 20% darker color. If you saturate the color by 10%, you get $78, 13.226, 266.895$, and if you desaturate by 10%, it is $88, 1.597, 83.848$.

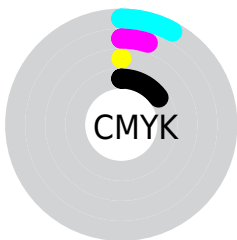
Distribution



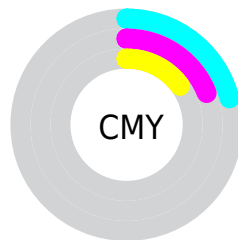
- Red (78%)
- Green (81%)
- Blue (85%)



- Red (78%)
- Yellow (80%)
- Blue (85%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.796, 265.421 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 83, 5.796, 265.421 by changing the saturation by 10% instead.

■ 83, 5.796, 265.421

■ 83, 5.796, 265.421

■ 100, 5.796,
265.421

■ 73, 5.796, 265.421

■ 63, 5.796, 265.421

■ 53, 5.796, 265.421

■ 43, 5.796, 265.421

■ 33, 5.796, 265.421

■ 23, 5.796, 265.421

■ 13, 5.796, 265.421

■ 3, 5.796, 265.421

■ 0, 5.796, 265.421

83, 5.796, 265.421

83, 5.796, 265.421

78, 13.226,
266.895

88, 1.597, 83.848

73, 20.687,
268.674

93, 8.937, 82.891

68, 28.172,
270.773

97, 14.825, 95.678

99, 19.023,
108.738

64, 35.683,
273.242

59, 43.242,
276.121

55, 50.891,
279.428

50, 58.687,
283.130

46, 66.682,
287.122

■ 42, 74.875,
291.188

Harmonies

Complementary

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



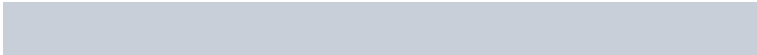
83, 5.796, 265.421



85, 5.835, 83.275

Rectangle

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



83, 5.796, 265.421



83, 5.796, 315.421



83, 5.796, 85.421



83, 5.796, 135.421

Sweetspot

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



83, 5.795, 265.404



99, 1.691, 264.781



85, 7.182, 167.776



53, 0.962, 264.780



0, 0.000, 0.000



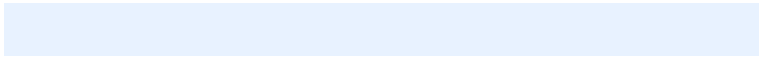
53, 0.007, 296.813

Same Dimension

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



83, 5.795, 265.404



95, 7.590, 265.575



81, 9.060, 294.143



43, 4.237, 265.624



33, 63.738, 291.364



6, 20.587, 281.016

Inverse Universe

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



82, 7.271, 349.322



94, 9.541, 349.449



86, 8.892, 112.801



43, 5.328, 349.485



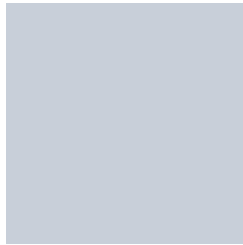
37, 63.374, 10.248



6, 24.365, 0.451

Previews

White Background



This preview shows how the CIELCh color 83, 5.796, 265.421 looks on a white background.

Color Contrast Check

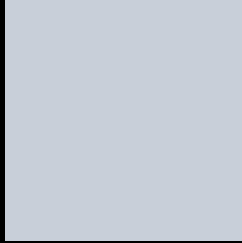
Large Text (above 18pt) WCAG AA × Fail

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 83, 5.796, 265.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

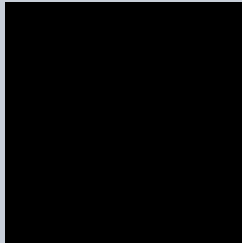
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

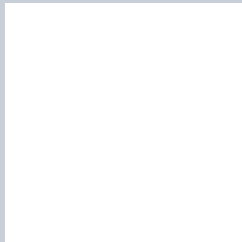
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.796, 265.421

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.796, 265.421.

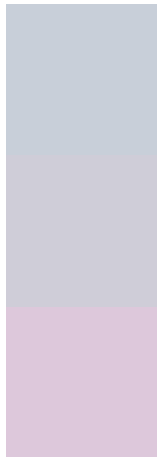


This preview shows how white text looks on a background with the CIELCh color 83, 5.796, 265.421.

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

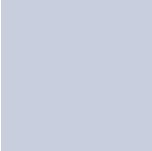
83, 5.796, 265.421

Protanopia

83, 5.880, 297.655

Deuteranopia

83, 12.626, 327.652



Tritanopia
83, 9.129, 279.946

Trichromacy



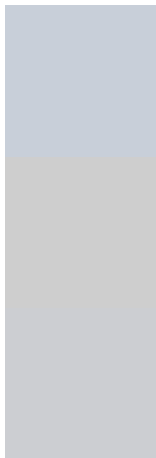
Original Color
83, 5.796, 265.421

Protanomaly
83, 5.299, 286.802

Deuteranomaly
83, 8.752, 314.933

Tritanomaly
83, 8.096, 278.377

Monochromacy



Original Color
83, 5.796, 265.421

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.231, 271.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.796, 265.421 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(200, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(200, 207, 217)  
}
```

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(200, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 207, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.796, 265.421 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(200, 207, 217) }
```

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

```
.border{ border-color:rgb(200, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 207,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.796, 265.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 207, 217) }
```

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

```
.background{ background-color: rgb(200,  
207, 217) }
```

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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