

Converting Colors

CIELCh(83, 3.479, 249.325)

Have a look what the booklet for
CIELCh(83, 3.479, 249.325) contains.

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Color

CIELCh(83, 3.604, 246.650)

Conversions

Conversions Part 1

Format	Color
Hex	C9D0D5
RGB	201, 208, 213
RGB Percent	79%, 82%, 84%
CMY	0.2127, 0.1853, 0.1657
CMYK	0.06, 0.02, 0.00, 0.17
HSL	205°, 12%, 81%
HSV	205°, 6%, 83%
XYZ	58.4927, 62.1629, 71.6979
YIQ	206.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

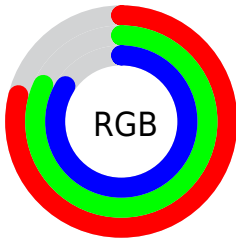
Format	Color
R _{YB}	201, 205, 213
Decimal	13226197
CIE Lab	83.00, -1.43, -3.31
CIE LCh	83, 3.604, 246.650
Yxy	62.1629, 0.3041, 0.3232
Android (android.graphics.Color)	4291416277 (0xFFC9D0D5)
YUV	206.4770, 3.2158, -4.8033
Hunter-Lab	78.8435, -5.5499, 1.2739

Details

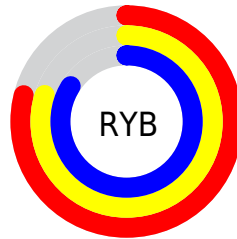
The CIELCh color `83, 3.604, 246.650` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 3.669, 65.146`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `63, 3.421, 240.226` is the 20% darker color. If you saturate the color by 10%, you get `79, 9.867, 247.829`, and if you desaturate by 10%, it is `87, 2.802, 65.256`.

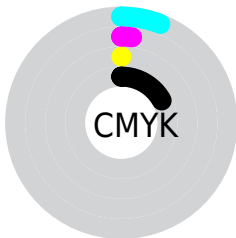
Distribution



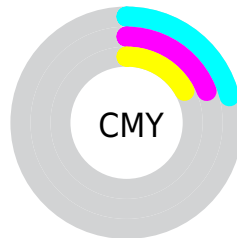
- Red (79%)
- Green (82%)
- Blue (84%)



- Red (79%)
- Yellow (80%)
- Blue (84%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 3.604, 246.650 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, 3.604, 246.650 by changing the saturation by 10% instead.

■ 83, 3.604, 246.650

■ 83, 3.604, 246.650

■ 100, 3.604,
246.650

■ 73, 3.604, 246.650

■ 63, 3.604, 246.650

■ 53, 3.604, 246.650

■ 43, 3.604, 246.650

■ 33, 3.604, 246.650

■ 23, 3.604, 246.650

■ 13, 3.604, 246.650

■ 3, 3.604, 246.650

■ 0, 3.604, 246.650

■ 83, 3.604, 246.650

■ 83, 3.604, 246.650

■ 79, 9.867, 247.829

■ 87, 2.802, 65.256

■ 75, 15.944,
249.375

■ 91, 9.310, 64.471

■ 72, 21.790,
251.265

■ 94, 13.501, 74.473

■ 96, 16.127, 93.134

■ 68, 27.366,
253.564

■ 98, 19.928,
105.500

■ 65, 32.644,
256.345

■ 99, 21.349,
108.561

■ 61, 37.626,
259.674

■ 58, 42.358,
263.586

■ 55, 46.935,
268.053

■ 52, 51.500,
272.946

Harmonies

Complementary

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



83, 3.604, 246.650



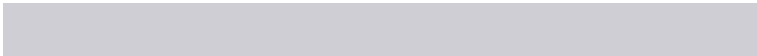
83, 3.669, 65.146

Rectangle

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



83, 3.604, 246.650



83, 3.604, 296.650



83, 3.604, 66.650



83, 3.604, 116.650

Sweetspot

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



83, 3.603, 246.617



99, 1.491, 246.428



84, 5.795, 158.275



53, 0.848, 246.435



0, 0.000, 0.000



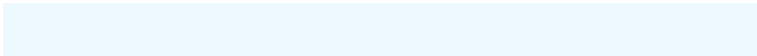
53, 0.007, 296.813

Same Dimension

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



83, 3.603, 246.617



97, 5.172, 246.762



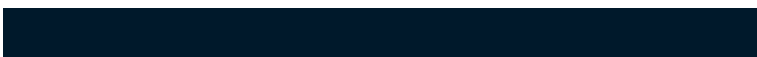
82, 5.744, 286.429



44, 2.910, 246.813



41, 44.902, 274.238



8, 15.189, 263.071

Inverse Universe

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



82, 5.765, 339.765



95, 8.301, 339.891



85, 5.673, 105.202



43, 4.676, 339.931



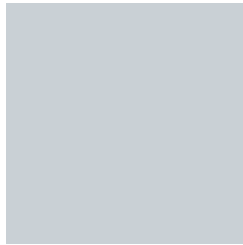
37, 64.350, 354.114



5, 24.546, 348.474

Previews

White Background



This preview shows how the CIELCh color 83, 3.604, 246.650 looks on a white background.

Color Contrast Check

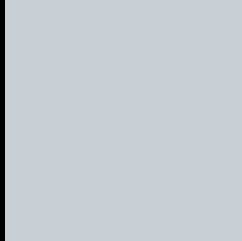
Large Text (above 18pt) WCAG AA × Fail

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, 3.604, 246.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

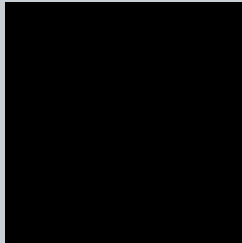
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

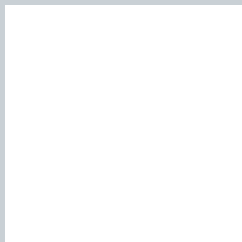
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 3.604, 246.650

Background



This preview shows how black text looks on a background with the CIELCh color 83, 3.604, 246.650.

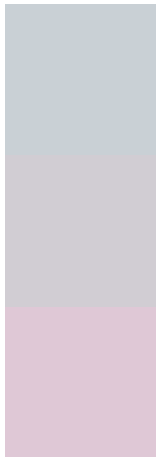


This preview shows how white text looks on a background with the CIELCh color 83, 3.604, 246.650.

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, 3.604, 246.650

Protanopia

83, 3.510, 314.735

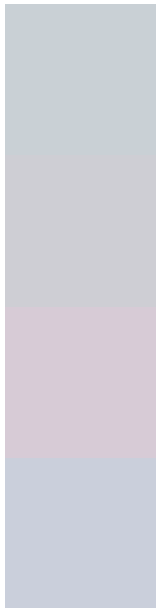
Deuteranopia

83, 11.201, 338.970



Tritanopia
83, 9.075, 282.107

Trichromacy



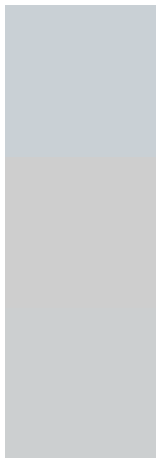
Original Color
83, 3.604, 246.650

Protanomaly
83, 3.179, 290.474

Deuteranomaly
83, 7.295, 327.051

Tritanomaly
83, 6.555, 275.148

Monochromacy



Original Color
83, 3.604, 246.650

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.201, 225.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 3.604, 246.650 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(201, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 213)  
}
```

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(201, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 3.604, 246.650 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(201, 208, 213) }
```

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

```
.border{ border-color:rgb(201, 208, 213) }
```

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

Here you see how a box with a 4 pixel rgb(201, 208, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 3.604, 246.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 213) }
```

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

```
.background{ background-color: rgb(201,  
208, 213) }
```

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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