

Converting Colors

CIELCh(83, 2.656, 172.489)

Have a look what the booklet for
CIELCh(83, 2.656, 172.489) contains.

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Color

CIELCh(83, 2.422, 173.630)

Conversions

Conversions Part 1

Format	Color
Hex	CAD0CE
RGB	202, 208, 206
RGB Percent	79%, 82%, 81%
CMY	0.2076, 0.1841, 0.1919
CMYK	0.03, 0.00, 0.01, 0.18
HSL	160°, 6%, 80%
HSV	160°, 3%, 82%
XYZ	58.0898, 62.1629, 67.3657
YIQ	205.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

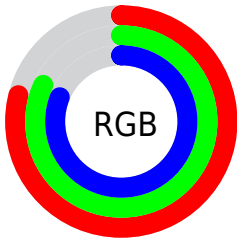
Format	Color
R _Y B	202, 206, 208
Decimal	13291726
CIE Lab	83.00, -2.41, 0.27
CIE LCh	83, 2.422, 173.630
Yxy	62.1629, 0.3096, 0.3313
Android (android.graphics.Color)	4291481806 (0xFFCAD0CE)
YUV	205.9780, 0.0108, -3.4887
Hunter-Lab	78.8435, -6.4620, 4.5317

Details

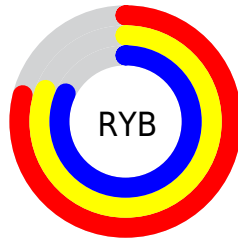
The CIELCh color **83, 2.422, 173.630** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 2.451, 353.732**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 2.562, 173.498** is the 20% darker color. If you saturate the color by 10%, you get **81, 10.787, 172.516**, and if you desaturate by 10%, it is **85, 6.006, 354.199**.

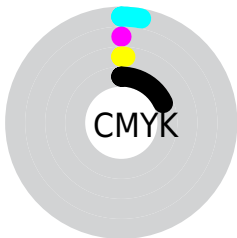
Distribution



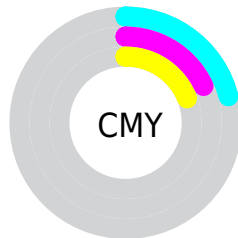
- Red (79%)
- Green (82%)
- Blue (81%)



- Red (79%)
- Yellow (81%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 2.422, 173.630 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, 2.422, 173.630 by changing the saturation by 10% instead.

■ 83, 2.422, 173.630

■ 83, 2.422, 173.630

■ 100, 2.422,
173.630

■ 73, 2.422, 173.630

■ 63, 2.422, 173.630

■ 53, 2.422, 173.630

■ 43, 2.422, 173.630

■ 33, 2.422, 173.630

■ 23, 2.422, 173.630

■ 13, 2.422, 173.630

■ 3, 2.422, 173.630

■ 0, 2.422, 173.630

83, 2.422, 173.630

83, 2.422, 173.630

81, 10.787,
172.516

85, 6.006, 354.199

80, 18.980,
171.486

87, 14.418,
355.065

79, 26.879,
170.376

88, 19.655,
351.105

77, 34.347,
169.159

88, 21.545,
342.625

76, 41.243,
167.811

88, 23.849,
335.700

76, 47.438,
166.306

89, 26.457,
330.124

75, 52.833,
164.620

89, 29.286,
325.643

75, 57.380,
162.733

89, 29.428,
325.449

 74, 61.108,
160.642

Harmonies

Complementary

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



83, 2.422, 173.630



82, 2.451, 353.732

Rectangle

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



83, 2.422, 173.630



83, 2.422, 223.630



83, 2.422, 353.630



83, 2.422, 43.630

Sweetspot

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



83, 2.424, 173.605



100, 0.987, 174.141



83, 3.479, 134.062



53, 0.561, 174.175



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, 2.424, 173.605



99, 2.973, 173.581



83, 1.892, 214.152



44, 1.915, 173.479



61, 53.817, 159.449



14, 18.981, 164.568

Inverse Universe

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



82, 2.451, 353.732



98, 3.007, 353.756



82, 1.924, 33.559



43, 1.939, 353.859



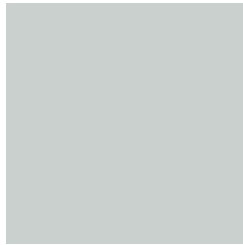
35, 63.195, 17.580



4, 20.634, 3.816

Previews

White Background



This preview shows how the CIELCh color 83, 2.422, 173.630 looks on a white background.

Color Contrast Check

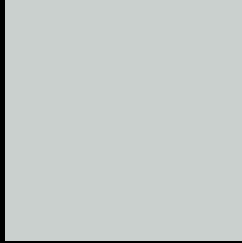
Large Text (above 18pt) WCAG AA × Fail

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, 2.422, 173.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

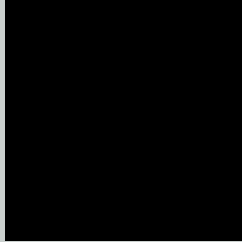
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

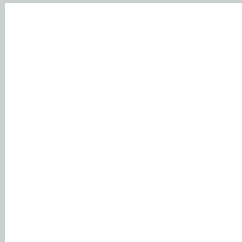
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 2.422, 173.630

Background



This preview shows how black text looks on a background with the CIELCh color 83, 2.422, 173.630.



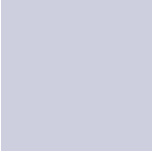
This preview shows how white text looks on a background with the CIELCh color 83, 2.422, 173.630.

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
83, 8.465, 288.538

Trichromacy



Original Color
83, 2.422, 173.630

Protanomaly
83, 1.103, 90.725

Deuteranomaly
83, 5.564, 357.470

Tritanomaly
83, 4.861, 277.940

Monochromacy



Original Color
83, 2.422, 173.630

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 0.896, 164.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 2.422, 173.630 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(202, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 206)  
}
```

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(202, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 2.422, 173.630 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(202, 208, 206) }
```

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

```
.border{ border-color:rgb(202, 208, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 208, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 2.422, 173.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 206) }
```

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

```
.background{ background-color: rgb(202,  
208, 206) }
```

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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