

Converting Colors

CIELCh(83, 2.861, 132.439)

Have a look what the booklet for
CIELCh(83, 2.861, 132.439) contains.

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Color

CIELCh(83, 2.858, 132.440)

Conversions

Conversions Part 1

Format	Color
Hex	CDD0CB
RGB	205, 208, 203
RGB Percent	80%, 82%, 80%
CMY	0.1975, 0.1857, 0.2053
CMYK	0.01, 0.00, 0.02, 0.19
HSL	96°, 5%, 80%
HSV	96°, 2%, 81%
XYZ	58.2865, 62.1629, 65.2067
YIQ	206.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

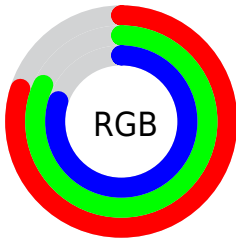
Format	Color
R_{YB}	203, 208, 206
Decimal	13488331
CIE Lab	83.00, -1.93, 2.11
CIE LCh	83, 2.858, 132.440
Yxy	62.1629, 0.3139, 0.3348
Android (android.graphics.Color)	4291678411 (0xFFCDD0CB)
YUV	206.5330, -1.7418, -1.3444
Hunter-Lab	78.8435, -6.0166, 6.1553

Details

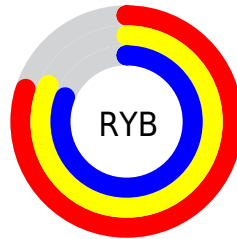
The CIELCh color `83, 2.858, 132.440` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 2.886, 312.539`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `63, 3.026, 132.395` is the 20% darker color. If you saturate the color by 10%, you get `82, 14.825, 131.975`, and if you desaturate by 10%, it is `85, 9.010, 312.770`.

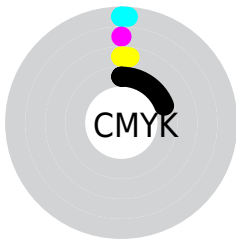
Distribution



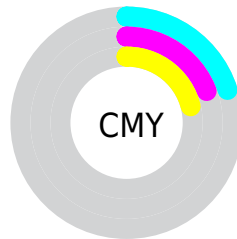
- Red (80%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 2.858, 132.440 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, 2.858, 132.440 by changing the saturation by 10% instead.

■ 83, 2.858, 132.440

■ 83, 2.858, 132.440

■ 100, 2.858,
132.440

■ 73, 2.858, 132.440

■ 63, 2.858, 132.440

■ 53, 2.858, 132.440

■ 43, 2.858, 132.440

■ 33, 2.858, 132.440

■ 23, 2.858, 132.440

■ 13, 2.858, 132.440

■ 3, 2.858, 132.440

■ 0, 2.858, 132.440

83, 2.858, 132.440

83, 2.858, 132.440

82, 14.825,
131.975

85, 9.010, 312.770

80, 26.806,
131.502

86, 20.729,
313.129

79, 38.693,
131.008

88, 27.551,
317.357

78, 50.330,
130.513

89, 29.596,
325.171


77, 61.494,
130.057

89, 29.687,
325.458

76, 71.870,
129.707

75, 81.033,
129.562

75, 88.472,
129.750

 74, 93.745,
130.385

Harmonies

Complementary

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



83, 2.858, 132.440



82, 2.886, 312.539

Rectangle

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



83, 2.858, 132.440



83, 2.858, 182.440



83, 2.858, 312.440



83, 2.858, 2.440

Sweetspot

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



83, 2.860, 132.450



100, 1.396, 132.583



83, 1.730, 84.947



53, 0.793, 132.592



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, 2.860, 132.450



99, 4.213, 132.413



83, 3.004, 147.230



44, 2.715, 132.375



61, 82.304, 130.870



14, 27.052, 132.973

Inverse Universe

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



82, 2.886, 312.539



98, 4.247, 312.576



82, 3.022, 327.315



43, 2.737, 312.615



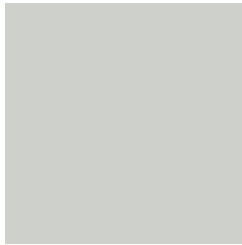
28, 89.422, 314.493



3, 27.423, 311.554

Previews

White Background



This preview shows how the CIELCh color 83, 2.858, 132.440 looks on a white background.

Color Contrast Check

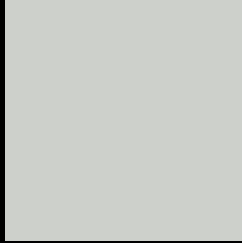
Large Text (above 18pt) WCAG AA × Fail

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, 2.858, 132.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

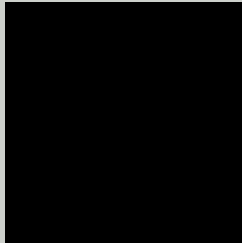
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

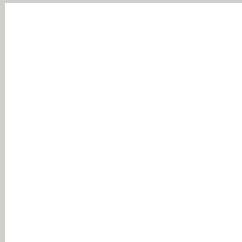
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 2.858, 132.440

Background



This preview shows how black text looks on a background with the CIELCh color 83, 2.858, 132.440.

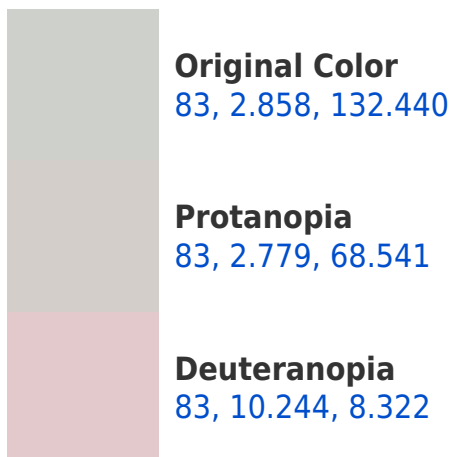


This preview shows how white text looks on a background with the CIELCh color 83, 2.858, 132.440.

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, 8.510, 295.672

Trichromacy



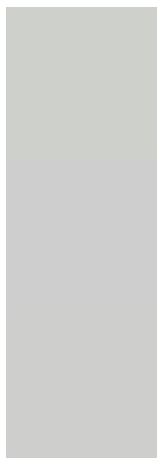
Original Color
83, 2.858, 132.440

Protanomaly
83, 2.720, 94.269

Deuteranomaly
83, 5.930, 14.677

Tritanomaly
83, 4.236, 290.561

Monochromacy



Original Color
83, 2.858, 132.440

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.111, 129.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 2.858, 132.440 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(205, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 203)  
}
```

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(205, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 2.858, 132.440 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(205, 208, 203) }
```

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

```
.border{ border-color:rgb(205, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 2.858, 132.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 203) }
```

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

```
.background{ background-color: rgb(205,  
208, 203) }
```

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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