

Converting Colors

CIELCh(83, 7.464, 102.697)

Have a look what the booklet for
CIELCh(83, 7.464, 102.697) contains.

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Color

CIELCh(83, 7.401, 103.735)

Conversions

Conversions Part 1

Format	Color
Hex	D1CFC1
RGB	209, 207, 193
RGB Percent	82%, 81%, 76%
CMY	0.1796, 0.1875, 0.2424
CMYK	0.00, 0.01, 0.08, 0.18
HSL	53°, 15%, 79%
HSV	53°, 8%, 82%
XYZ	58.3571, 62.1629, 59.4875
YIQ	206.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

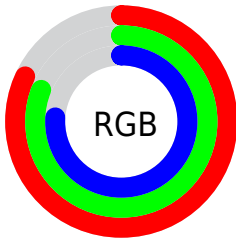
Format	Color
R_{YB}	195, 209, 193
Decimal	13750209
CIE Lab	83.00, -1.76, 7.19
CIE LCh	83, 7.401, 103.735
Yxy	62.1629, 0.3242, 0.3453
Android (android.graphics.Color)	4291940289 (0xFFD1CFC1)
YUV	206.0020, -6.4100, 2.6292
Hunter-Lab	78.8435, -5.8568, 10.4561

Details

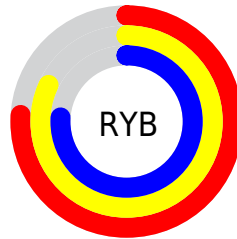
The CIELCh color **83, 7.401, 103.735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 7.506, 285.438**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **63, 7.274, 103.106** is the 20% darker color. If you saturate the color by 10%, you get **82, 17.107, 102.674**, and if you desaturate by 10%, it is **84, 2.283, 284.872**.

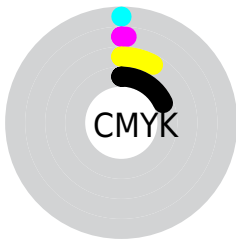
Distribution



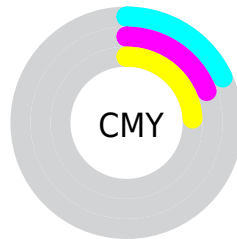
- Red (82%)
- Green (81%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.401, 103.735 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, 7.401, 103.735 by changing the saturation by 10% instead.

■ 83, 7.401, 103.735

■ 83, 7.401, 103.735

■ 100, 7.401,
103.735

■ 73, 7.401, 103.735

■ 63, 7.401, 103.735

■ 53, 7.401, 103.735

■ 43, 7.401, 103.735

■ 33, 7.401, 103.735

■ 23, 7.401, 103.735

■ 13, 7.401, 103.735

■ 3, 7.401, 103.735

■ 0, 7.401, 103.735

83, 7.401, 103.735

83, 7.401, 103.735

82, 17.107,
102.674

84, 2.283, 284.872

81, 26.783,
101.573

85, 11.921,
285.847

80, 36.347,
100.460

87, 20.999,
286.648

79, 45.662, 99.350

87, 19.682,
283.634

78, 54.501, 98.256

88, 18.426,
280.215

77, 62.506, 97.194

89, 17.245,
276.330

76, 69.158, 96.174

75, 73.834, 95.196

89, 16.153,
271.916

75, 76.156, 94.239

90, 15.170,
266.916

■ 91, 14.315,
261.295

Harmonies

Complementary

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



83, 7.401, 103.735



79, 7.506, 285.438

Rectangle

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



83, 7.401, 103.735



83, 7.401, 153.735



83, 7.401, 283.735



83, 7.401, 333.735

Sweetspot

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



83, 7.403, 103.748



100, 2.262, 104.299



79, 6.064, 9.035



53, 1.286, 104.306



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, 7.403, 103.748



99, 10.232, 103.595



83, 8.715, 123.900



44, 5.491, 103.563



61, 65.183, 94.164



14, 20.554, 97.397

Inverse Universe

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



79, 7.506, 285.438



93, 10.394, 285.609



79, 8.843, 304.675



41, 5.581, 285.645



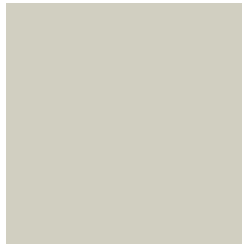
21, 91.442, 304.338



2, 23.348, 290.128

Previews

White Background



This preview shows how the CIELCh color 83, 7.401, 103.735 looks on a white background.

Color Contrast Check

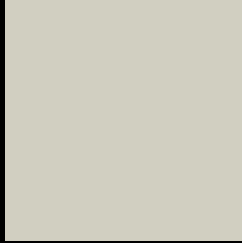
Large Text (above 18pt) WCAG AA × Fail

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 83, 7.401, 103.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

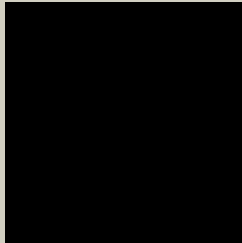
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

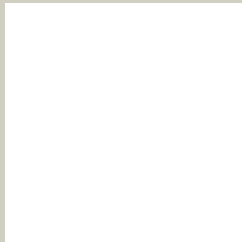
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 7.401, 103.735

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.401, 103.735.



This preview shows how white text looks on a background with the CIELCh color 83, 7.401, 103.735.

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

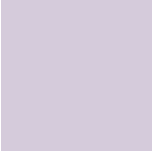
83, 7.401, 103.735

Protanopia

83, 7.945, 87.300

Deuteranopia

83, 12.032, 32.803



Tritanopia
83, 9.236, 313.596

Trichromacy



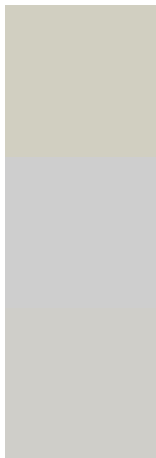
Original Color
83, 7.401, 103.735

Protanomaly
83, 7.694, 92.521

Deuteranomaly
83, 8.904, 51.887

Tritanomaly
83, 3.691, 333.841

Monochromacy



Original Color
83, 7.401, 103.735

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.651, 101.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 7.401, 103.735 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(209, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 193)  
}
```

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(209, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.401, 103.735 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(209, 207, 193) }
```

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

```
.border{ border-color:rgb(209, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(209, 207,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.401, 103.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 193) }
```

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

```
.background{ background-color: rgb(209,  
207, 193) }
```

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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