

Converting Colors

CIELCh(83, 4.279, 94.070)

Have a look what the booklet for
CIELCh(83, 4.279, 94.070) contains.

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Color

CIELCh(83, 4.342, 95.004)

Conversions

Conversions Part 1

Format	Color
Hex	D2CFC7
RGB	210, 207, 199
RGB Percent	82%, 81%, 78%
CMY	0.1781, 0.1899, 0.2213
CMYK	0.00, 0.01, 0.05, 0.18
HSL	44°, 11%, 80%
HSV	44°, 5%, 82%
XYZ	58.9268, 62.1629, 62.6686
YIQ	206.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

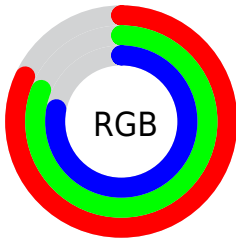
Format	Color
R _Y B	203, 210, 199
Decimal	13815751
CIE Lab	83.00, -0.38, 4.33
CIE LCh	83, 4.342, 95.004
Yxy	62.1629, 0.3207, 0.3383
Android (android.graphics.Color)	4292005831 (0xFFD2CFC7)
YUV	206.9850, -3.9366, 2.6442
Hunter-Lab	78.8435, -4.5670, 8.0639

Details

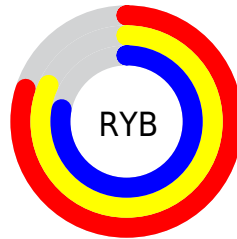
The CIELCh color **83, 4.342, 95.004** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 4.370, 276.383**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 4.596, 94.816** is the 20% darker color. If you saturate the color by 10%, you get **81, 12.732, 93.842**, and if you desaturate by 10%, it is **85, 3.922, 276.303**.

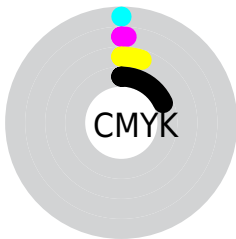
Distribution



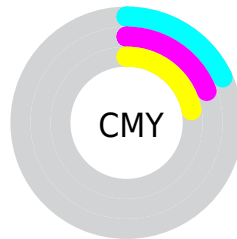
- Red (82%)
- Green (81%)
- Blue (78%)



- Red (80%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.342, 95.004 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, 4.342, 95.004 by changing the saturation by 10% instead.

■ 83, 4.342, 95.004

■ 83, 4.342, 95.004

■ 100, 4.342, 95.004

■ 73, 4.342, 95.004

■ 63, 4.342, 95.004

■ 53, 4.342, 95.004

■ 43, 4.342, 95.004

■ 33, 4.342, 95.004


■ 23, 4.342, 95.004

■ 13, 4.342, 95.004

■ 3, 4.342, 95.004

■ 0, 4.342, 95.004

83, 4.342, 95.004	83, 4.342, 95.004
81, 12.732, 93.842	85, 3.922, 276.303
79, 21.228, 92.590	87, 12.061, 277.392
77, 29.793, 91.297	
75, 38.350, 89.969	89, 16.849, 275.365
74, 46.754, 88.605	90, 14.663, 264.555
72, 54.742, 87.192	92, 13.149, 250.765
70, 61.869, 85.697	
69, 67.468, 84.050	93, 12.536, 234.695
67, 70.791, 82.128	95, 12.934, 218.455
	96, 14.243, 204.280

 97, 15.133,
198.498

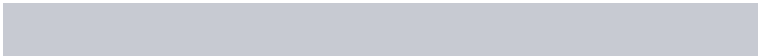
Harmonies

Complementary

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



83, 4.342, 95.004



81, 4.370, 276.383

Rectangle

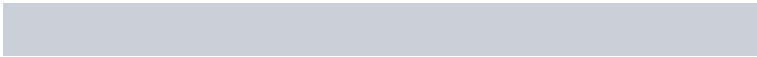
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 4.342, 95.004



83, 4.342, 145.004



83, 4.342, 275.004



83, 4.342, 325.004

Sweetspot

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



83, 4.343, 95.029



100, 1.930, 95.335



81, 4.383, 357.498



53, 1.097, 95.341



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, 4.343, 95.029



99, 5.829, 94.937



84, 5.853, 118.296



43, 3.286, 94.878



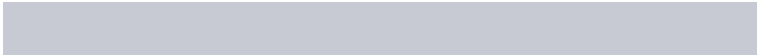
54, 61.058, 81.531



12, 17.672, 85.005

Inverse Universe

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



81, 4.370, 276.383



96, 5.863, 276.482



81, 5.932, 298.983



42, 3.305, 276.545



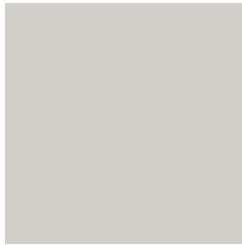
26, 77.895, 299.428



4, 20.830, 285.622

Previews

White Background



This preview shows how the CIELCh color 83, 4.342, 95.004 looks on a white background.

Color Contrast Check

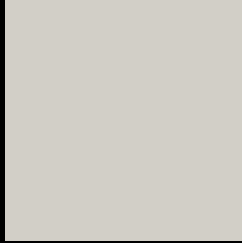
Large Text (above 18pt) WCAG AA × Fail

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, 4.342, 95.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

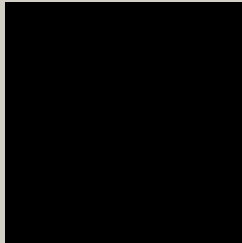
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

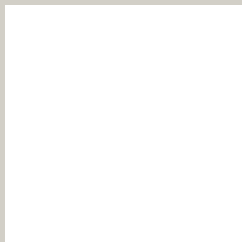
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.342, 95.004

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.342, 95.004.

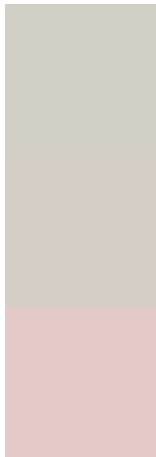


This preview shows how white text looks on a background with the CIELCh color 83, 4.342, 95.004.

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](#).

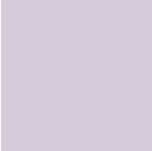
Dichromacy



Original Color
83, 4.342, 95.004

Protanopia
83, 4.746, 81.840

Deuteranopia
83, 10.858, 20.193



Tritanopia
83, 9.236, 313.596

Trichromacy



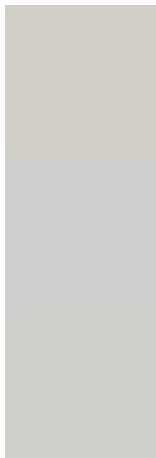
Original Color
83, 4.342, 95.004

Protanomaly
83, 4.586, 85.969

Deuteranomaly
83, 7.626, 31.814

Tritanomaly
83, 5.158, 324.596

Monochromacy



Original Color
83, 4.342, 95.004

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.610, 96.890

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 83, 4.342, 95.004 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(210, 207, 199)` looks like.

```
.text, #text, p{  
    color:rgb(210, 207, 199)  
}
```

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(210, 207, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 207, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.342, 95.004 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(210, 207, 199) }
```

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

```
.border{ border-color:rgb(210, 207, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 207, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 207, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 207, 199);  
box-shadow:4px 4px 4px 4px rgb(210, 207,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.342, 95.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 207, 199) }
```

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

```
.background{ background-color: rgb(210,  
207, 199) }
```

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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