

Converting Colors

CIELCh(83, 6.465, 119.583)

Have a look what the booklet for
CIELCh(83, 6.465, 119.583) contains.

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Color

CIELCh(83, 6.423, 119.560)

Conversions

Conversions Part 1

Format	Color
Hex	CDD0C4
RGB	205, 208, 196
RGB Percent	80%, 82%, 77%
CMY	0.1956, 0.1838, 0.2309
CMYK	0.01, 0.00, 0.06, 0.18
HSL	75°, 11%, 79%
HSV	75°, 6%, 82%
XYZ	57.7776, 62.1629, 61.2537
YIQ	205.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

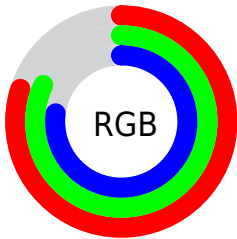
Format	Color
R _Y B	196, 208, 199
Decimal	13488324
CIE Lab	83.00, -3.17, 5.59
CIE LCh	83, 6.423, 119.560
Yxy	62.1629, 0.3189, 0.3431
Android (android.graphics.Color)	4291678404 (0xFFCDD0C4)
YUV	205.7350, -4.7994, -0.6446
Hunter-Lab	78.8435, -7.1689, 9.1279

Details

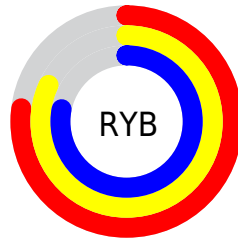
The CIELCh color $83, 6.423, 119.560$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 6.514, 300.278$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.003, 110.026$, and $63, 6.793, 119.444$ is the 20% darker color. If you saturate the color by 10%, you get $82, 17.555, 118.938$, and if you desaturate by 10%, it is $84, 4.731, 300.166$.

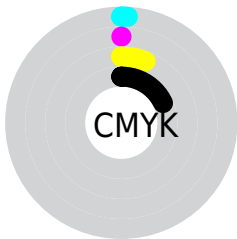
Distribution



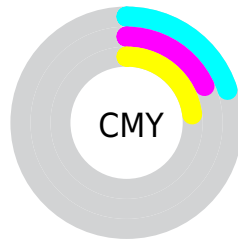
- Red (80%)
- Green (82%)
- Blue (77%)



- Red (77%)
- Yellow (82%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.423, 119.560 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, 6.423, 119.560 by changing the saturation by 10% instead.

■ 83, 6.423, 119.560

■ 83, 6.423, 119.560

■ 100, 6.423,
119.560

■ 73, 6.423, 119.560

■ 63, 6.423, 119.560

■ 53, 6.423, 119.560

■ 43, 6.423, 119.560

■ 33, 6.423, 119.560

■ 23, 6.423, 119.560

■ 13, 6.423, 119.560

■ 3, 6.423, 119.560

■ 0, 6.423, 119.560

■ 83, 6.423, 119.560

■ 83, 6.423, 119.560

■ 82, 17.555,
118.938

■ 84, 4.731, 300.166

■ 81, 28.589,
118.302

■ 85, 15.863,
300.749

■ 81, 39.423,
117.678

■ 86, 25.092,
301.883

■ 80, 49.900,
117.097

■ 86, 25.449,
305.804

■ 79, 59.787,
116.605

■ 87, 25.919,
309.642

■ 79, 68.743,
116.269

■ 87, 26.498,
313.366

■ 78, 76.311,
116.179

■ 88, 27.182,
316.952

■ 78, 81.985,
116.437

■ 88, 27.964,
320.384

■ 78, 85.435,
117.125

■ 88, 28.840,
323.648

Harmonies

Complementary

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



83, 6.423, 119.560



80, 6.514, 300.278

Rectangle

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



83, 6.423, 119.560



83, 6.423, 169.560



83, 6.423, 299.560



83, 6.423, 349.560

Sweetspot

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



83, 6.425, 119.570



100, 2.620, 119.809



81, 3.685, 45.020



53, 1.489, 119.816



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, 6.425, 119.570



99, 9.196, 119.487



83, 7.175, 137.074



44, 5.077, 119.459



64, 73.767, 117.297



15, 24.244, 118.730

Inverse Universe

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



80, 6.514, 300.278



95, 9.342, 300.366



80, 7.216, 317.511



41, 5.161, 300.396



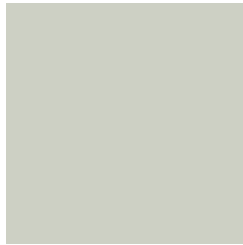
21, 95.816, 307.793



2, 25.868, 299.515

Previews

White Background



This preview shows how the CIELCh color 83, 6.423, 119.560 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, 6.423, 119.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

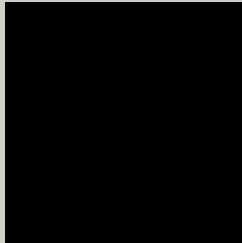
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

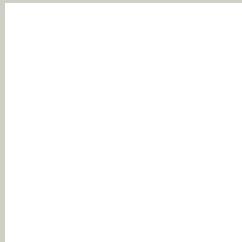
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 6.423, 119.560

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.423, 119.560.

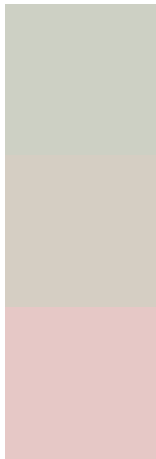


This preview shows how white text looks on a background with the CIELCh color 83, 6.423, 119.560.

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, 6.423, 119.560

Protanopia

83, 6.337, 85.313

Deuteranopia

83, 11.333, 25.522



Tritanopia
83, 9.201, 302.032

Trichromacy



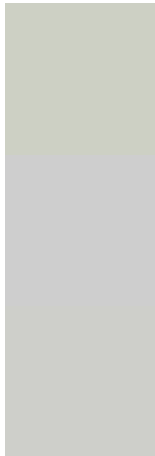
Original Color
83, 6.423, 119.560

Protanomaly
83, 6.404, 99.574

Deuteranomaly
83, 7.435, 44.886

Tritanomaly
83, 3.269, 303.181

Monochromacy



Original Color
83, 6.423, 119.560

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.658, 117.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.423, 119.560 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.423, 119.560 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, 196) }
```

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

```
.border{ border-color:rgb(205, 208, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 196);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.423, 119.560 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, 196) }
```

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

```
.background{ background-color: rgb(205,  
208, 196) }
```

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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