

Converting Colors

CIELCh(83, 3.495, 122.114)

Have a look what the booklet for
CIELCh(83, 3.495, 122.114) contains.

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Color

CIELCh(83, 3.761, 121.082)

Conversions

Conversions Part 1

Format	Color
Hex	CED0C9
RGB	206, 208, 201
RGB Percent	81%, 82%, 79%
CMY	0.1938, 0.1860, 0.2134
CMYK	0.01, 0.00, 0.03, 0.19
HSL	77°, 7%, 80%
HSV	77°, 3%, 81%
XYZ	58.2812, 62.1629, 63.9250
YIQ	206.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

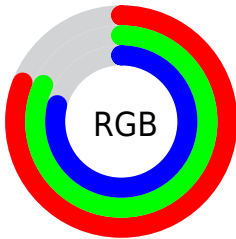
Format	Color
RYB	201, 208, 203
Decimal	13553865
CIELab	83.00, -1.94, 3.22
CIElCh	83, 3.761, 121.082
Yxy	62.1629, 0.3161, 0.3372
Android (android.graphics.Color)	4291743945 (0xFFCED0C9)
YUV	206.6040, -2.7628, -0.5297
Hunter-Lab	78.8435, -6.0288, 7.1191

Details

The CIELCh color $83, 3.761, 121.082$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 3.805, 301.463$, 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 $63, 3.979, 121.016$ is the 20% darker color. If you saturate the color by 10%, you get $82, 14.940, 120.500$, and if you desaturate by 10%, it is $84, 7.418, 301.643$.

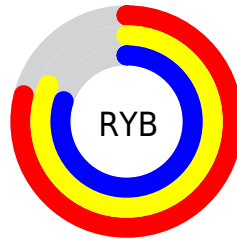
Distribution



Red (81%)

Green (82%)

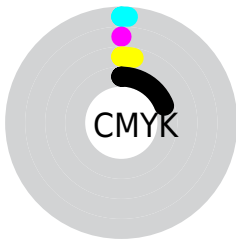
Blue (79%)



Red (79%)

Yellow (82%)

Blue (80%)

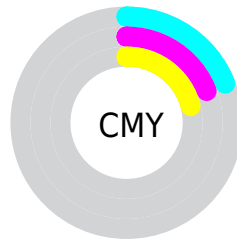


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 3.761, 121.082 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, 3.761, 121.082 by changing the saturation by 10% instead.

■ 83, 3.761, 121.082

■ 83, 3.761, 121.082

■ 100, 3.761,
121.082

■ 73, 3.761, 121.082

■ 63, 3.761, 121.082

■ 53, 3.761, 121.082

■ 43, 3.761, 121.082

■ 33, 3.761, 121.082

■ 23, 3.761, 121.082

■ 13, 3.761, 121.082

■ 3, 3.761, 121.082

■ 0, 3.761, 121.082

83, 3.761, 121.082

83, 3.761, 121.082

82, 14.940,
120.500

84, 7.418, 301.643

81, 26.047,
119.898

85, 18.557,
302.181

80, 36.988,
119.303

86, 25.592,
304.171

80, 47.623,
118.742

86, 26.081,
308.531

79, 57.741,
118.258

87, 26.712,
312.758

78, 67.031,
117.915

87, 27.477,
316.817

78, 75.064,
117.801

88, 28.371,
320.680

77, 81.337,
118.025

88, 29.382,
324.332

■ 77, 85.450,
118.683

■ 89, 29.731,
325.460

Harmonies

Complementary

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



83, 3.761, 121.082



81, 3.805, 301.463

Rectangle

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



83, 3.761, 121.082



83, 3.761, 171.082



83, 3.761, 301.082



83, 3.761, 351.082

Sweetspot

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



83, 3.763, 121.097



100, 1.310, 121.260



82, 2.109, 49.049



53, 0.745, 121.265



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, 3.763, 121.097



100, 5.277, 121.056



83, 4.217, 138.214



44, 3.187, 121.016



63, 74.522, 119.103



15, 24.467, 120.514

Inverse Universe

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



81, 3.805, 301.463



97, 5.338, 301.506



81, 4.242, 318.407



42, 3.225, 301.547



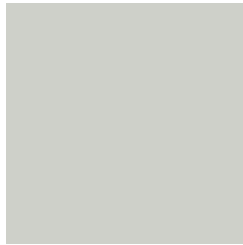
22, 95.273, 308.211



2, 25.942, 300.450

Previews

White Background



This preview shows how the CIELCh color 83, 3.761, 121.082 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, 3.761, 121.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

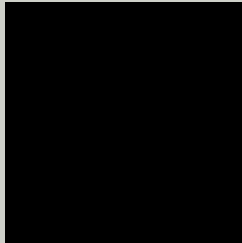
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

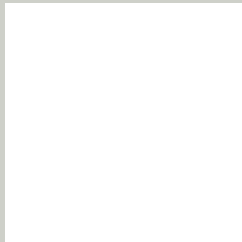
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 3.761, 121.082

Background



This preview shows how black text looks on a background with the CIELCh color 83, 3.761, 121.082.

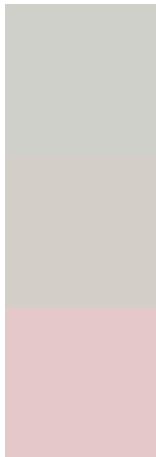


This preview shows how white text looks on a background with the CIELCh color 83, 3.761, 121.082.

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, 3.761, 121.082

Protanopia

83, 3.841, 74.635

Deuteranopia

83, 10.491, 14.431



Tritanopia
83, 8.606, 300.370

Trichromacy



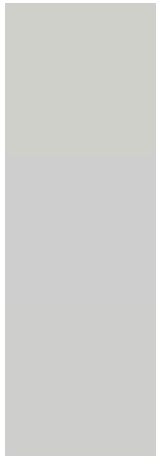
Original Color
83, 3.761, 121.082

Protanomaly
83, 3.833, 93.066

Deuteranomaly
83, 6.394, 29.250

Tritanomaly
83, 4.306, 300.135

Monochromacy



Original Color
83, 3.761, 121.082

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.619, 123.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 3.761, 121.082 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(206, 208, 201)` looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 201)  
}
```

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(206, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 3.761, 121.082 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(206, 208, 201) }
```

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

```
.border{ border-color:rgb(206, 208, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 3.761, 121.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 201) }
```

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

```
.background{ background-color: rgb(206,  
208, 201) }
```

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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