

Converting Colors

CIELCh(82, 3.490, 66.600)

Have a look what the booklet for
CIELCh(82, 3.490, 66.600) contains.

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Color

CIELCh(82, 3.431, 69.619)

Conversions

Conversions Part 1	
Format	Color
Hex	D1CBC6
RGB	209, 203, 198
RGB Percent	82%, 80%, 78%
CMY	0.1807, 0.2042, 0.2238
CMYK	0.00, 0.03, 0.05, 0.18
HSL	27°, 11%, 80%
HSV	27°, 5%, 82%
XYZ	57.7993, 60.2982, 61.9762
YIQ	204.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

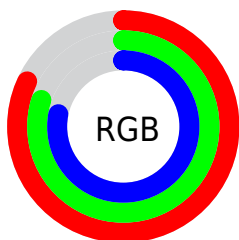
Format	Color
RYB	209, 207, 198
Decimal	13749190
CIELab	82.00, 1.19, 3.22
CIELCh	82, 3.431, 69.619
Yxy	60.2982, 0.3210, 0.3349
Android (android.graphics.Color)	4291939270 (0xFFD1CBC6)
YUV	204.2240, -3.0684, 4.1886
Hunter-Lab	77.6519, -3.0263, 7.0353

Details

The CIELCh color **82, 3.431, 69.619** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 3.387, 251.127**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 3.644, 69.456** is the 20% darker color. If you saturate the color by 10%, you get **79, 10.228, 68.586**, and if you desaturate by 10%, it is **85, 3.023, 251.056**.

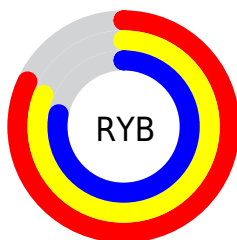
Distribution



Red (82%)

Green (80%)

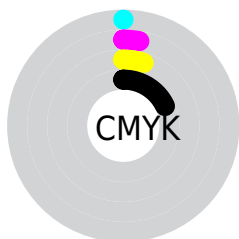
Blue (78%)



Red (82%)

Yellow (81%)

Blue (78%)

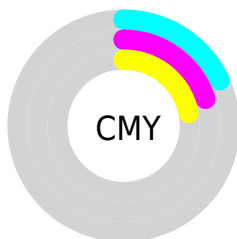


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (18%)



Cyan (18%)










Magenta (20%)

















Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 3.431, 69.619 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 82, 3.431, 69.619 by changing the saturation by 10% instead.

	82, 3.431, 69.619		82, 3.431, 69.619
	100, 3.431, 69.619		72, 3.431, 69.619
			62, 3.431, 69.619
			52, 3.431, 69.619
			42, 3.431, 69.619
			32, 3.431, 69.619
			22, 3.431, 69.619
			12, 3.431, 69.619
			2, 3.431, 69.619
			0, 3.431, 69.619

	82, 3.431, 69.619		82, 3.431, 69.619
	79, 10.228, 68.586		85, 3.023, 251.056
	75, 17.400, 67.446		89, 9.170, 252.081
	72, 24.973, 66.302		92, 12.967, 244.697
	69, 32.952, 65.165		
	66, 41.300, 64.033		95, 13.488, 213.059
	63, 49.892, 62.875		97, 15.335, 198.485
	60, 58.436, 61.610		
	57, 66.321, 60.048		
	55, 72.524, 57.834		

Harmonies

Complementary

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



82, 3.431, 69.619



82, 3.387, 251.127

Rectangle

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



82, 3.431, 69.619



82, 3.431, 119.619



82, 3.431, 249.619



82, 3.431, 299.619

Sweetspot

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



82, 3.432, 69.658



99, 1.515, 69.831



81, 5.178, 341.386



53, 0.861, 69.825



0, 0.000, 0.000



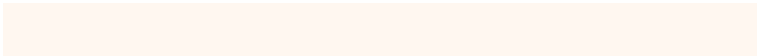
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 3.432, 69.658



98, 4.608, 69.582



83, 5.495, 107.567



43, 2.600, 69.531



44, 63.613, 57.313



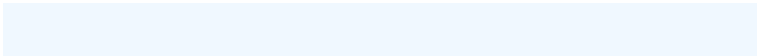
8, 15.779, 53.073

Inverse Universe

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



82, 3.387, 251.127



97, 4.534, 251.212



80, 5.569, 288.661



43, 2.553, 251.269



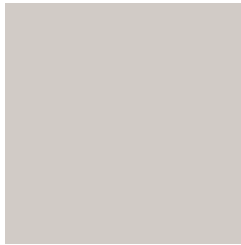
39, 47.972, 278.912



7, 15.238, 267.421

Previews

White Background



This preview shows how the CIELCh color 82, 3.431, 69.619 looks on a white background.

Color Contrast Check

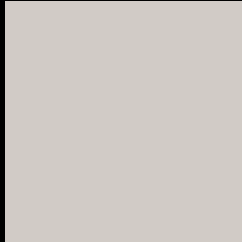
Large Text (above 18pt) WCAG AA × Fail

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 82, 3.431, 69.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

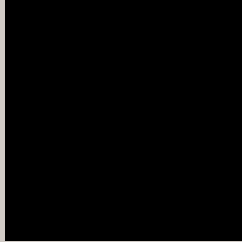
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

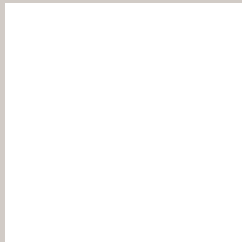
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 3.431, 69.619

Background



This preview shows how black text looks on a background with the CIELCh color 82, 3.431, 69.619.

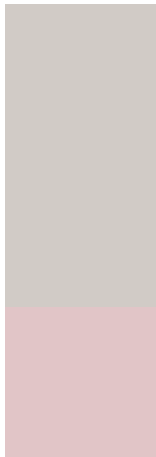


This preview shows how white text looks on a background with the CIELCh color 82, 3.431, 69.619.

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


82, 3.431, 69.619

Protanopia

82, 3.431, 69.619


Deuteranopia

82, 10.523, 14.446

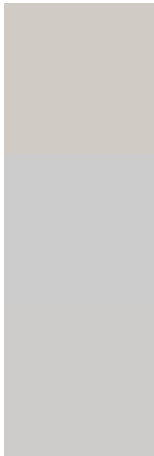


Tritanopia
82, 9.565, 317.588

Trichromacy

	Original Color 82, 3.431, 69.619
	Protanomaly 82, 3.431, 69.619
	Deuteranomaly 82, 7.446, 19.907
	Tritanomaly 82, 5.617, 330.763

Monochromacy

	Original Color 82, 3.431, 69.619
	Achromatopsia 82, 0.010, 296.813
	Achromatomaly 82, 1.272, 74.891

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 82, 3.431, 69.619 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, 203, 198) looks like.

```
.text, #text, p{  
    color:rgb(209, 203, 198)  
}
```

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, 203, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 203, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 3.431, 69.619 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, 203, 198) }
```

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

```
.border{ border-color:rgb(209, 203, 198) }
```

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

Here you see how a box with a 4 pixel rgb(209, 203, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 203, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 203, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 203,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 3.431, 69.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 203, 198) }
```

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

```
.background{ background-color: rgb(209,  
203, 198) }
```

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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