

Converting Colors

CIELCh(82, 7.372, 65.494)

Have a look what the booklet for
CIELCh(82, 7.372, 65.494) contains.

CIELCh(82, 7.181, 66.800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(82, 7.181, 66.800)

Conversions

Conversions Part 1	
Format	Color
Hex	D7CAC0
RGB	215, 202, 192
RGB Percent	84%, 79%, 75%
CMY	0.1580, 0.2090, 0.2482
CMYK	0.00, 0.06, 0.11, 0.16
HSL	26°, 22%, 80%
HSV	26°, 11%, 84%
XYZ	58.4708, 60.2982, 58.2571
YIQ	204.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

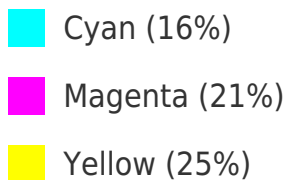
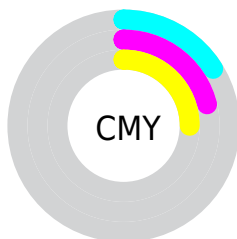
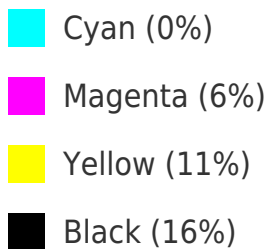
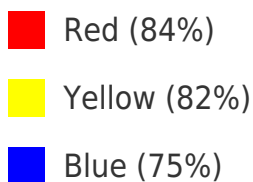
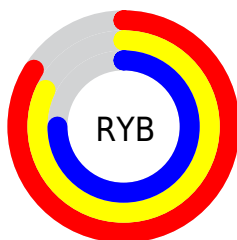
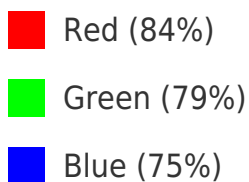
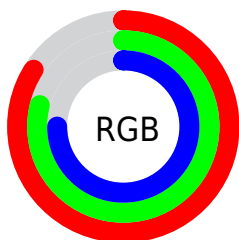
Format	Color
RYB	215, 210, 192
Decimal	14142144
CIELab	82.00, 2.83, 6.60
CIELCh	82, 7.181, 66.800
Yxy	60.2982, 0.3303, 0.3406
Android (android.graphics.Color)	4292332224 (0xFFD7CAC0)
YUV	204.7470, -6.2843, 8.9919
Hunter-Lab	77.6519, -1.4829, 9.8749

Details

The CIELCh color `82, 7.181, 66.800` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 6.920, 249.426`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 3.539, 109.892`, and `62, 6.953, 65.859` is the 20% darker color. If you saturate the color by 10%, you get `78, 14.295, 65.742`, and if you desaturate by 10%, it is `86, 0.456, 67.022`.






Distribution



















Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 7.181, 66.800 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, 7.181, 66.800 by changing the saturation by 10% instead.

	82, 7.181, 66.800		82, 7.181, 66.800
	100, 7.181, 66.800		72, 7.181, 66.800
			62, 7.181, 66.800
			52, 7.181, 66.800
			42, 7.181, 66.800
			32, 7.181, 66.800
			22, 7.181, 66.800
			12, 7.181, 66.800
			2, 7.181, 66.800
			0, 7.181, 66.800

 82, 7.181, 66.800	 82, 7.181, 66.800
 78, 14.295, 65.742	 86, 0.456, 67.022
 75, 21.833, 64.654	 89, 5.918, 249.159
 72, 29.814, 63.579	 93, 11.562, 248.227
 68, 38.230, 62.524	
 65, 47.006, 61.473	 96, 12.091, 210.419
 62, 55.943, 60.375	 97, 13.507, 198.604
 59, 64.592, 59.094	
 57, 72.078, 57.340	
 54, 77.391, 55.155	

Harmonies

Complementary

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



82, 7.181, 66.800



82, 6.920, 249.426

Rectangle

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



82, 7.181, 66.800



82, 7.181, 116.800



82, 7.181, 246.800



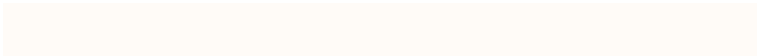
82, 7.181, 296.800

Sweetspot

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



82, 7.181, 66.820



99, 2.259, 67.510



80, 10.955, 341.032



52, 1.718, 67.468



0, 0.000, 0.000



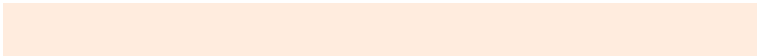
53, 0.007, 296.813

Same Dimension

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



82, 7.181, 66.820



95, 10.093, 66.563



85, 11.243, 106.271



43, 3.784, 66.954



44, 64.978, 55.791



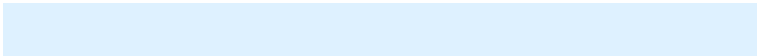
9, 17.187, 51.593

Inverse Universe

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



82, 6.920, 249.426



94, 9.633, 249.745



79, 11.486, 288.541



43, 3.666, 249.265



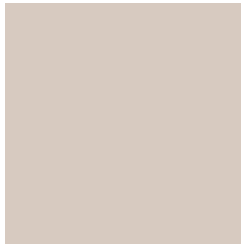
40, 46.629, 276.599



8, 15.614, 265.595

Previews

White Background



This preview shows how the CIELCh color 82, 7.181, 66.800 looks on a white background.

Color Contrast Check

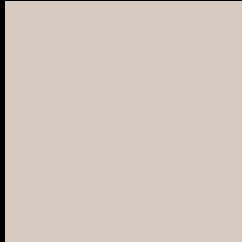
Large Text (above 18pt) WCAG AA × Fail

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 82, 7.181, 66.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

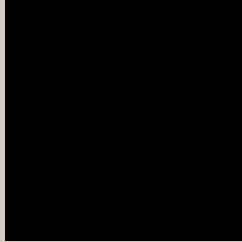
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

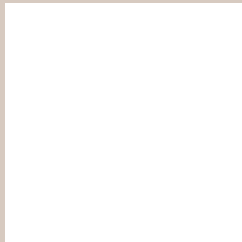
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 7.181, 66.800

Background



This preview shows how black text looks on a background with the CIELCh color 82, 7.181, 66.800.

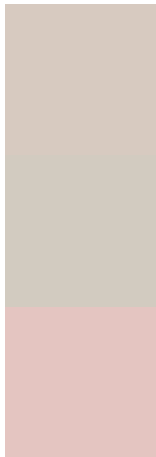


This preview shows how white text looks on a background with the CIELCh color 82, 7.181, 66.800.

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, 7.181, 66.800

Protanopia

82, 6.355, 85.299

Deuteranopia

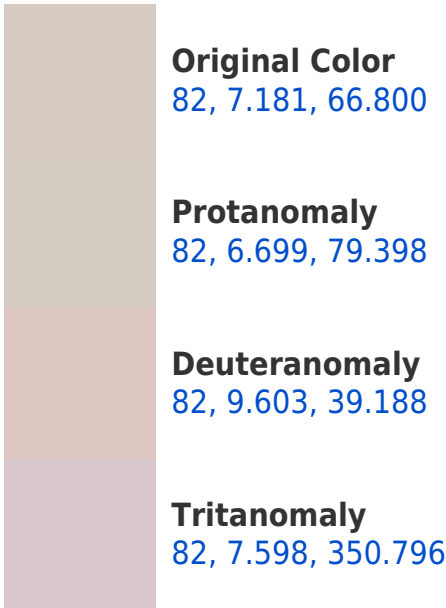
82, 11.943, 30.381



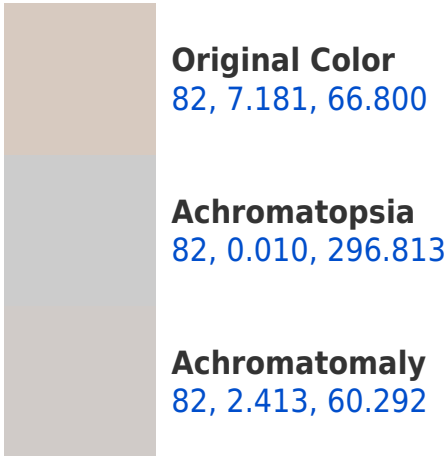
Tritanopia

82, 11.198, 331.069

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 7.181, 66.800 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(215, 202, 192)` looks like.

```
.text, #text, p{  
    color:rgb(215, 202, 192)  
}
```

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(215, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 202, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 7.181, 66.800 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(215, 202, 192) }
```

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

```
.border{ border-color:rgb(215, 202, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 202, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(215, 202,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 7.181, 66.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 202, 192) }
```

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

```
.background{ background-color: rgb(215,  
202, 192) }
```

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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