

Converting Colors

CIELCh(82, 11.196, 82.883)

Have a look what the booklet for
CIELCh(82, 11.196, 82.883) contains.

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Color

CIELCh(82, 11.189, 82.918)

Conversions

Conversions Part 1

Format	Color
Hex	D7CAB7
RGB	215, 202, 183
RGB Percent	84%, 79%, 72%
CMY	0.1557, 0.2067, 0.2812
CMYK	0.00, 0.06, 0.15, 0.16
HSL	36°, 29%, 78%
HSV	36°, 15%, 84%
XYZ	57.8749, 60.2982, 53.5429
YIQ	203.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

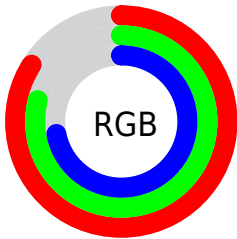
Format	Color
R _Y B	205, 215, 183
Decimal	14142135
CIE Lab	82.00, 1.38, 11.10
CIE LCh	82, 11.189, 82.918
Yxy	60.2982, 0.3370, 0.3512
Android (android.graphics.Color)	4292332215 (0xFFD7CAB7)
YUV	203.7210, -10.2155, 9.8917
Hunter-Lab	77.6519, -2.8525, 13.4744

Details

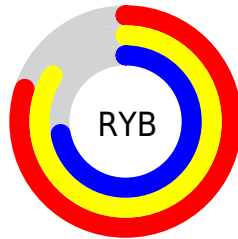
The CIELCh color **82, 11.189, 82.918** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 11.008, 266.960**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **62, 11.202, 83.041** is the 20% darker color. If you saturate the color by 10%, you get **79, 19.018, 81.616**, and if you desaturate by 10%, it is **85, 3.601, 84.159**.

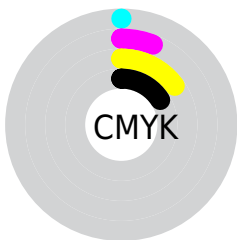
Distribution



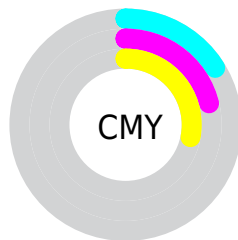
- Red (84%)
- Green (79%)
- Blue (72%)



- Red (80%)
- Yellow (84%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 11.189, 82.918 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, 11.189, 82.918 by changing the saturation by 10% instead.

■ 82, 11.189, 82.918

■ 82, 11.189, 82.918

■ 100, 11.189,
82.918

■ 72, 11.189, 82.918

■ 62, 11.189, 82.918

■ 52, 11.189, 82.918

■ 42, 11.189, 82.918

■ 32, 11.189, 82.918

■ 22, 11.189, 82.918

■ 12, 11.189, 82.918

■ 2, 11.189, 82.918

■ 0, 11.189, 82.918

82, 11.189, 82.918	82, 11.189, 82.918
79, 19.018, 81.616	85, 3.601, 84.159
77, 27.080, 80.259	88, 3.759, 265.571
74, 35.343, 78.865	90, 10.906, 266.713
72, 43.719, 77.425	
69, 52.014, 75.912	93, 11.592, 251.497
67, 59.850, 74.257	95, 11.172, 223.359
65, 66.564, 72.321	
63, 71.237, 69.860	97, 13.234, 199.165
62, 73.001, 68.450	97, 13.319, 198.617

Harmonies

Complementary

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



82, 11.189, 82.918



79, 11.008, 266.960

Rectangle

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



82, 11.189, 82.918



82, 11.189, 132.918



82, 11.189, 262.918



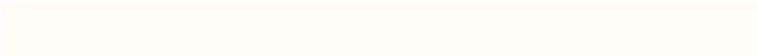
82, 11.189, 312.918

Sweetspot

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



82, 11.190, 82.930



99, 3.389, 84.245



78, 13.894, 349.745



52, 2.413, 84.166



0, 0.000, 0.000



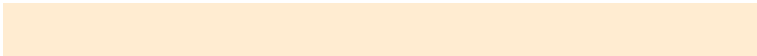
53, 0.007, 296.813

Same Dimension

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



82, 11.190, 82.930



94, 15.625, 82.501



85, 16.748, 112.210



44, 4.216, 83.620



50, 61.376, 69.041



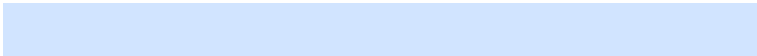
11, 17.406, 70.450

Inverse Universe

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



79, 11.008, 266.960



90, 15.301, 267.487



76, 17.321, 294.834



43, 4.180, 266.158



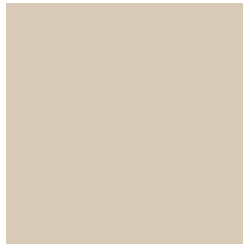
32, 63.632, 291.737



5, 19.508, 280.292

Previews

White Background



This preview shows how the CIELCh color 82, 11.189, 82.918 looks on a white background.

Color Contrast Check

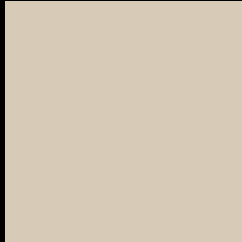
Large Text (above 18pt) WCAG AA × Fail

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, 11.189, 82.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

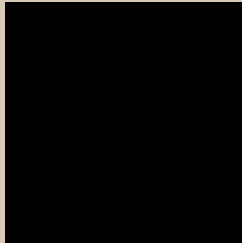
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

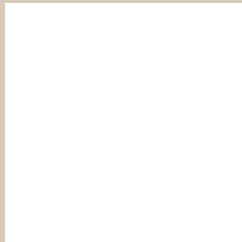
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 11.189, 82.918

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.189, 82.918.



This preview shows how white text looks on a background with the CIELCh color 82, 11.189, 82.918.

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, 11.189, 82.918

Protanopia

82, 10.586, 90.404

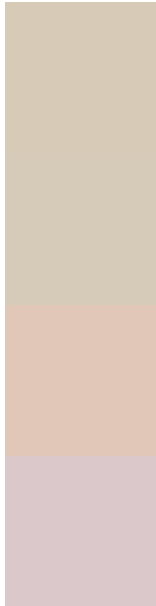
Deuteranopia

82, 14.862, 47.584



Tritanopia
82, 11.054, 334.330

Trichromacy



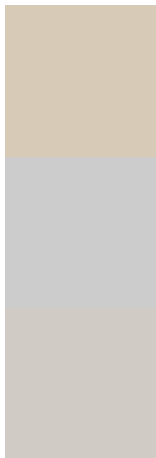
Original Color
82, 11.189, 82.918

Protanomaly
82, 10.716, 88.463

Deuteranomaly
82, 12.784, 58.046

Tritanomaly
82, 6.749, 10.862

Monochromacy



Original Color
82, 11.189, 82.918

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.119, 83.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.189, 82.918 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(215, 202, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 202, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.189, 82.918 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, 183) }
```

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

```
.border{ border-color:rgb(215, 202, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 202, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 202, 183);  
box-shadow:4px 4px 4px 4px rgb(215, 202,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.189, 82.918 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, 183) }
```

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

```
.background{ background-color: rgb(215,  
202, 183) }
```

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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