

Converting Colors

CIELCh(82, 3.516, 47.743)

Have a look what the booklet for
CIELCh(82, 3.516, 47.743) contains.

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Color

CIELCh(82, 3.673, 45.021)

Conversions

Conversions Part 1

Format	Color
Hex	D3CAC7
RGB	211, 202, 199
RGB Percent	83%, 79%, 78%
CMY	0.1720, 0.2073, 0.2191
CMYK	0.00, 0.04, 0.06, 0.17
HSL	15°, 12%, 80%
HSV	15°, 6%, 83%
XYZ	58.3749, 60.2982, 62.6721
YIQ	204.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

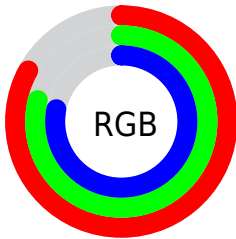
Format	Color
R _Y B	211, 203, 199
Decimal	13880007
CIE Lab	82.00, 2.60, 2.60
CIE LCh	82, 3.673, 45.021
Yxy	60.2982, 0.3219, 0.3325
Android (android.graphics.Color)	4292070087 (0xFFD3CAC7)
YUV	204.3490, -2.6371, 5.8329
Hunter-Lab	77.6519, -1.7033, 6.5039

Details

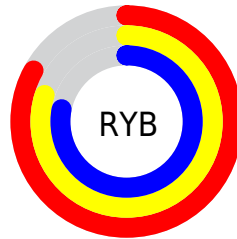
The CIELCh color **82, 3.673, 45.021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 3.558, 225.888**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 3.552, 47.702** is the 20% darker color. If you saturate the color by 10%, you get **77, 10.546, 44.771**, and if you desaturate by 10%, it is **87, 2.690, 225.863**.

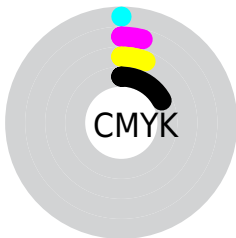
Distribution



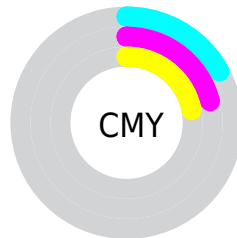
- Red (83%)
- Green (79%)
- Blue (78%)



- Red (83%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (17%)

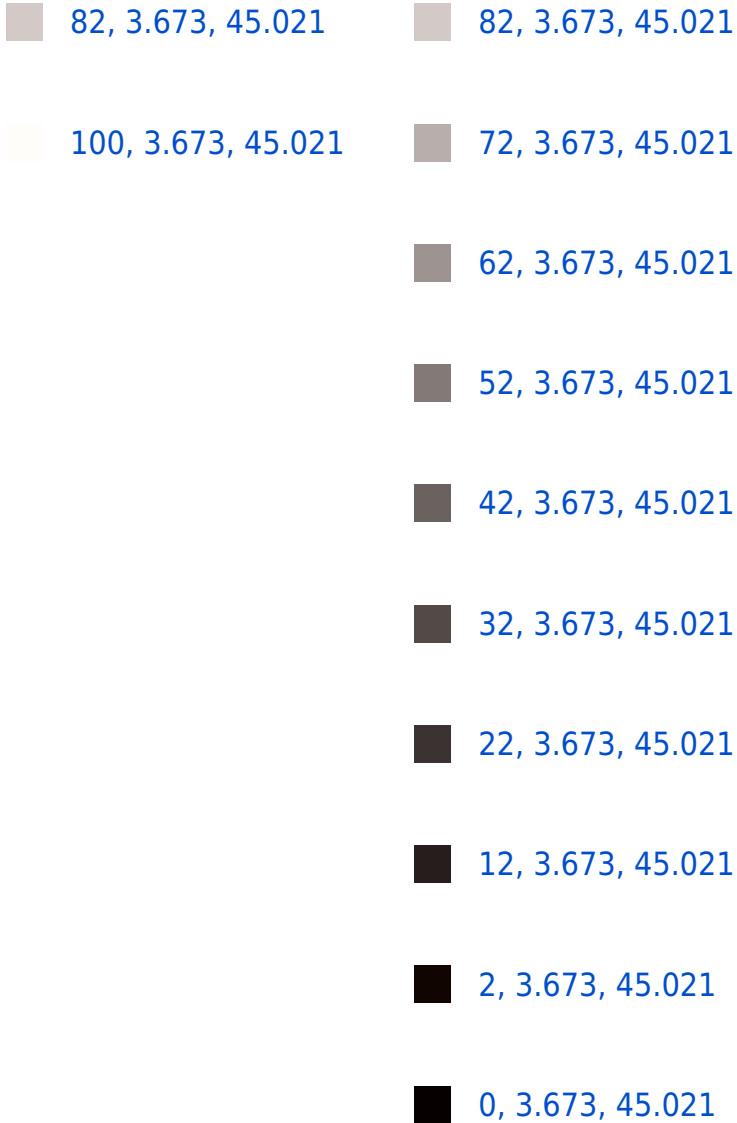


- Cyan (17%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 3.673, 45.021 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, 3.673, 45.021 by changing the saturation by 10% instead.



82, 3.673, 45.021

82, 3.673, 45.021

77, 10.546, 44.771

87, 2.690, 225.863

73, 17.983, 44.499

91, 8.596, 226.221

69, 26.028, 44.335

96, 13.060,
210.925

65, 34.703, 44.313

97, 14.642,
198.530

61, 43.985, 44.460

57, 53.774, 44.775

54, 63.803, 45.194

51, 73.450, 45.497

48, 81.416, 45.161

Harmonies

Complementary

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



82, 3.673, 45.021



83, 3.558, 225.888

Rectangle

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



82, 3.673, 45.021



82, 3.673, 95.021



82, 3.673, 225.021



82, 3.673, 275.021

Sweetspot

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



82, 3.672, 45.058



99, 1.483, 44.939



81, 6.507, 332.654



53, 0.842, 44.921



0, 0.000, 0.000



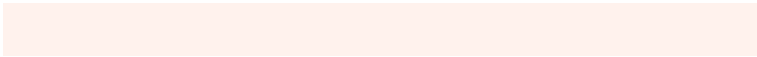
53, 0.007, 296.813

Same Dimension

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



82, 3.672, 45.058



96, 5.300, 45.030



84, 4.849, 96.528



42, 2.931, 45.019



38, 70.872, 45.465



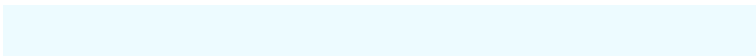
6, 17.303, 33.679

Inverse Universe

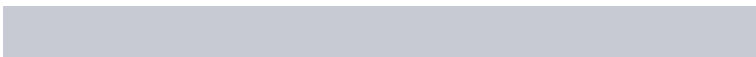
The Inverse Universe completely reimagines the original color for something new.



83, 3.558, 225.888



98, 5.091, 225.935



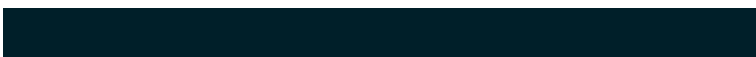
81, 4.883, 277.955



43, 2.807, 225.953



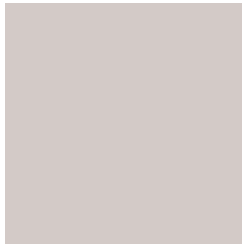
49, 33.463, 245.953



10, 12.310, 235.657

Previews

White Background



This preview shows how the CIELCh color 82, 3.673, 45.021 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, 3.673, 45.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

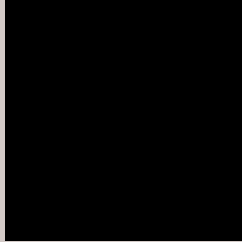
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

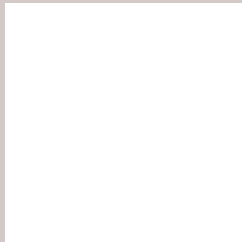
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 3.673, 45.021

Background



This preview shows how black text looks on a background with the CIELCh color 82, 3.673, 45.021.



This preview shows how white text looks on a background with the CIELCh color 82, 3.673, 45.021.

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, 3.673, 45.021

Protanopia

82, 2.413, 60.292

Deuteranopia

82, 10.571, 11.603



Tritanopia
82, 9.275, 321.066

Trichromacy



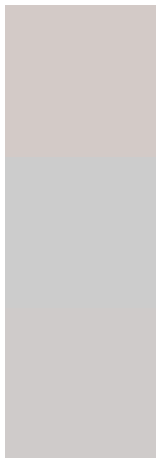
Original Color
82, 3.673, 45.021

Protanomaly
82, 2.704, 55.171

Deuteranomaly
82, 7.829, 16.088

Tritanomaly
82, 5.861, 333.489

Monochromacy



Original Color
82, 3.673, 45.021

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.550, 39.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 3.673, 45.021 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(211, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 199)  
}
```

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(211, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 3.673, 45.021 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(211, 202, 199) }
```

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

```
.border{ border-color:rgb(211, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 3.673, 45.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 199) }
```

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

```
.background{ background-color: rgb(211,  
202, 199) }
```

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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