

Converting Colors

CIELCh(81, 3.690, 47.747)

Have a look what the booklet for
CIELCh(81, 3.690, 47.747) contains.

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Color

CIELCh(81, 3.684, 45.020)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D0C7C4 |
| RGB | 208, 199, 196 |
| RGB Percent | 82%, 78%, 77% |
| CMY | 0.1829, 0.2182, 0.2300 |
| CMYK | 0.00, 0.04, 0.06, 0.18 |
| HSL | 15°, 11%, 79% |
| HSV | 15°, 6%, 82% |
| XYZ | 56.6199, 58.4711, 60.7352 |
| YIQ | 201.3490, 6.3270, 0.9750 |

Conversions

Conversions Part 2

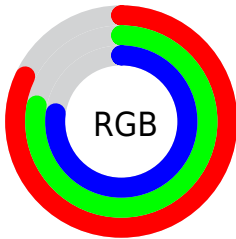
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 208, 200, 196 |
| Decimal | 13682628 |
| CIE Lab | 81.00, 2.60, 2.61 |
| CIE LCh | 81, 3.684, 45.020 |
| Yxy | 58.4711, 0.3220, 0.3326 |
| Android (android.graphics.Color) | 4291872708 (0xFFD0C7C4) |
| YUV | 201.3490, -2.6371, 5.8329 |
| Hunter-Lab | 76.4664, -1.6450, 6.4340 |

Details

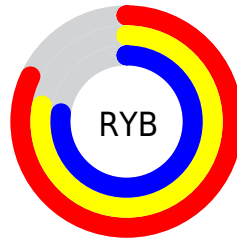
The CIELCh color **81, 3.684, 45.020** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 3.567, 225.889**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **61, 3.924, 44.980** is the 20% darker color. If you saturate the color by 10%, you get **77, 10.487, 44.769**, and if you desaturate by 10%, it is **86, 2.614, 225.862**.

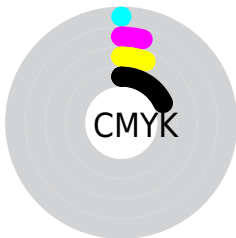
Distribution



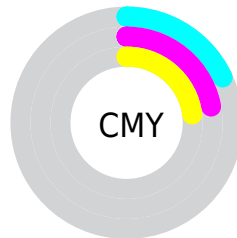
- Red (82%)
- Green (78%)
- Blue (77%)



- Red (82%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.684, 45.020 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 81, 3.684, 45.020 by changing the saturation by 10% instead.

■ 81, 3.684, 45.020

■ 81, 3.684, 45.020

■ 100, 3.684, 45.020

■ 71, 3.684, 45.020

■ 61, 3.684, 45.020

■ 51, 3.684, 45.020

■ 41, 3.684, 45.020

■ 31, 3.684, 45.020

■ 21, 3.684, 45.020

■ 11, 3.684, 45.020

■ 1, 3.684, 45.020

■ 0, 3.684, 45.020

81, 3.684, 45.020

81, 3.684, 45.020

77, 10.487, 44.769

86, 2.614, 225.862

72, 17.849, 44.498

90, 8.461, 226.216

68, 25.811, 44.334

95, 13.248,
218.720

64, 34.395, 44.313

97, 15.516,
198.473

60, 43.580, 44.460

56, 53.266, 44.775

53, 63.188, 45.194

50, 72.730, 45.497

48, 80.614, 45.164

Harmonies

Complementary

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



81, 3.684, 45.020



82, 3.567, 225.889

Rectangle

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



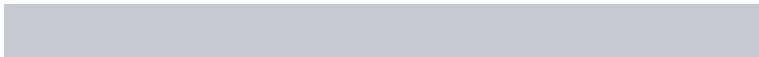
81, 3.684, 45.020



81, 3.684, 95.020



81, 3.684, 225.020



81, 3.684, 275.020

Sweetspot

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



81, 3.683, 45.056



99, 1.483, 44.939



80, 6.525, 332.659



53, 0.842, 44.921



0, 0.000, 0.000



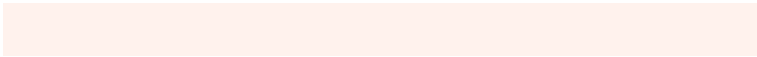
53, 0.007, 296.813

Same Dimension

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



81, 3.683, 45.056



96, 5.301, 45.030



83, 4.863, 96.520



42, 2.931, 45.019



38, 70.872, 45.465



6, 17.303, 33.679

Inverse Universe

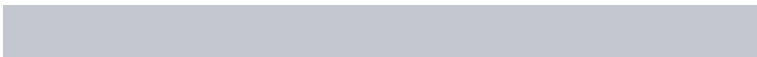
The Inverse Universe completely reimagines the original color for something new.



82, 3.567, 225.889



98, 5.091, 225.934



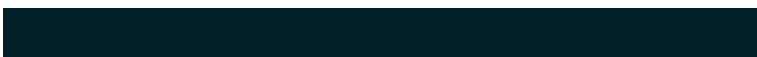
80, 4.897, 277.963



43, 2.807, 225.952



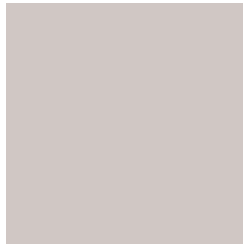
49, 33.463, 245.953



10, 12.310, 235.656

Previews

White Background



This preview shows how the CIELCh color 81, 3.684, 45.020 looks on a white background.

Color Contrast Check

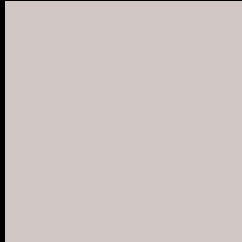
Large Text (above 18pt) WCAG AA × Fail

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 81, 3.684, 45.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

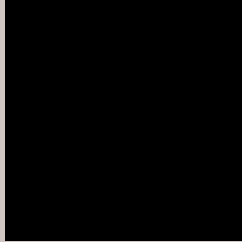
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

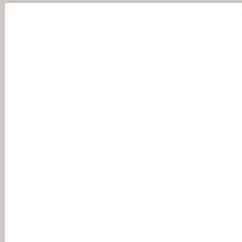
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.684, 45.020

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.684, 45.020.

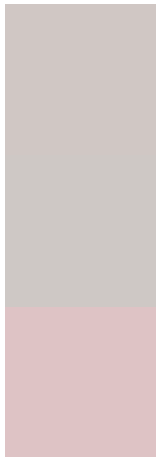


This preview shows how white text looks on a background with the CIELCh color 81, 3.684, 45.020.

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


81, 3.684, 45.020

Protanopia

81, 2.712, 55.169

Deuteranopia

81, 10.165, 14.206



Tritanopia
81, 9.489, 322.972

Trichromacy



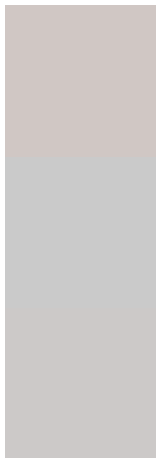
Original Color
81, 3.684, 45.020

Protanomaly
81, 3.023, 51.070

Deuteranomaly
81, 7.461, 19.914

Tritanomaly
81, 6.134, 336.005

Monochromacy



Original Color
81, 3.684, 45.020

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.212, 44.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.684, 45.020 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(208, 199, 196)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 196)  
}
```

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(208, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 3.684, 45.020 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(208, 199, 196) }
```

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

```
.border{ border-color:rgb(208, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 3.684, 45.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 196) }
```

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

```
.background{ background-color: rgb(208,  
199, 196) }
```

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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