

Converting Colors

CIELCh(76, 4.859, 50.065)

Have a look what the booklet for
CIELCh(76, 4.859, 50.065) contains.

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Color

CIELCh(76, 4.665, 46.954)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9B5
RGB	196, 185, 181
RGB Percent	77%, 73%, 71%
CMY	0.2306, 0.2737, 0.2894
CMYK	0.00, 0.06, 0.08, 0.23
HSL	16°, 11%, 74%
HSV	16°, 8%, 77%
XYZ	48.5678, 49.8872, 50.8911
YIQ	187.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

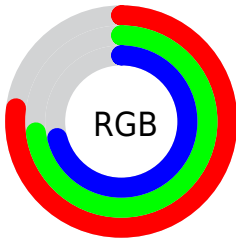
Format	Color
RYB	196, 186, 181
Decimal	12892597
CIELab	76.00, 3.18, 3.41
CIELCh	76, 4.665, 46.954
Yxy	49.8872, 0.3252, 0.3340
Android (android.graphics.Color)	4291082677 (0xFFC4B9B5)
YUV	187.8330, -3.3687, 7.1625
Hunter-Lab	70.6309, -0.8625, 6.7219

Details

The CIELCh color $76, 4.665, 46.954$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.470, 228.036$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 4.746, 45.009$, and $56, 4.633, 49.145$ is the 20% darker color. If you saturate the color by 10%, you get $72, 11.195, 46.597$, and if you desaturate by 10%, it is $80, 1.387, 227.975$.

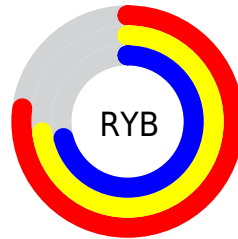
Distribution



Red (77%)

Green (73%)

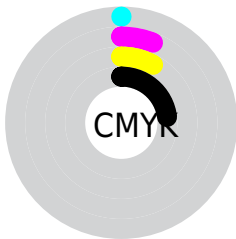
Blue (71%)



Red (77%)

Yellow (73%)

Blue (71%)

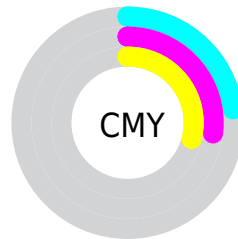


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.665, 46.954 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 76, 4.665, 46.954 by changing the saturation by 10% instead.

 76, 4.665, 46.954

 76, 4.665, 46.954

 100, 4.665, 46.954

 66, 4.665, 46.954

 96, 4.665, 46.954

 56, 4.665, 46.954

 46, 4.665, 46.954

 36, 4.665, 46.954

 26, 4.665, 46.954

 16, 4.665, 46.954

 6, 4.665, 46.954

 0, 4.665, 46.954

 76, 4.665, 46.954

 76, 4.665, 46.954

72, 11.195, 46.597

80, 1.387, 227.975

68, 18.252, 46.253

84, 7.011, 228.235

64, 25.874, 46.011

89, 12.256,
228.789

60, 34.077, 45.904

93, 16.289,
221.535

56, 42.834, 45.948

53, 52.035, 46.134

96, 19.253,
198.235

50, 61.392, 46.378

47, 70.250, 46.427

45, 77.463, 45.851

Harmonies

Complementary

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



76, 4.665, 46.954



77, 4.470, 228.036

Rectangle

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



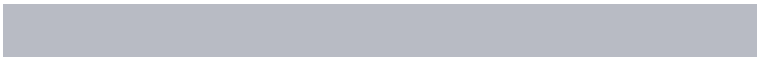
76, 4.665, 46.954



76, 4.665, 96.954



76, 4.665, 226.954



76, 4.665, 276.954

Sweetspot

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



76, 4.665, 46.982



99, 1.475, 46.949



75, 8.160, 333.433



53, 0.838, 46.932



0, 0.000, 0.000



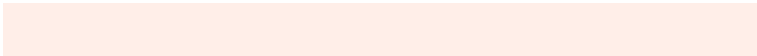
53, 0.007, 296.813

Same Dimension

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



76, 4.665, 46.982



95, 6.832, 46.929



78, 6.265, 97.419



39, 3.447, 46.921



36, 67.825, 46.265



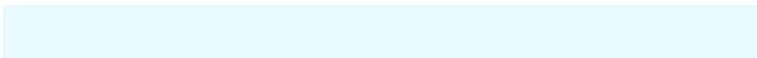
5, 12.039, 36.640

Inverse Universe

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



77, 4.470, 228.036



97, 6.487, 228.117



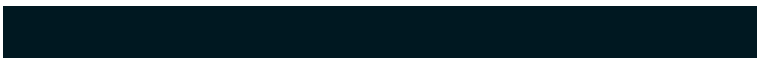
75, 6.317, 279.273



40, 3.268, 228.129



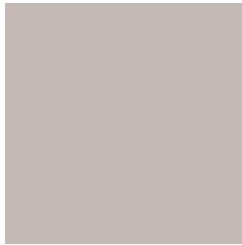
46, 32.931, 249.131



7, 10.405, 239.617

Previews

White Background



This preview shows how the CIELCh color 76, 4.665, 46.954 looks on a white background.

Color Contrast Check

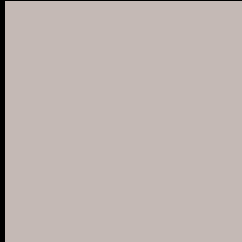
Large Text (above 18pt) WCAG AA × Fail

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 76, 4.665, 46.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

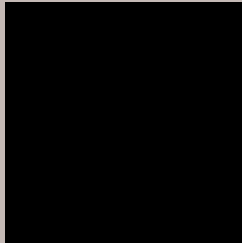
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

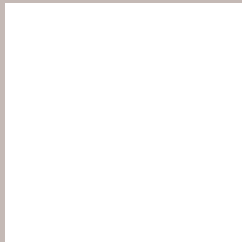
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.665, 46.954

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.665, 46.954.



This preview shows how white text looks on a background with the CIELCh color 76, 4.665, 46.954.

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


76, 4.665, 46.954

Protanopia

76, 3.257, 74.685

Deuteranopia

76, 9.909, 17.092



Tritanopia
76, 9.379, 326.682

Trichromacy



Original Color
76, 4.665, 46.954

Protanomaly
76, 3.682, 55.083

Deuteranomaly
76, 7.605, 23.988

Tritanomaly
76, 6.146, 342.095

Monochromacy



Original Color
76, 4.665, 46.954

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.575, 39.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.665, 46.954 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(196, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 181)  
}
```

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(196, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.665, 46.954 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(196, 185, 181) }
```

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

```
.border{ border-color:rgb(196, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.665, 46.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 181) }
```

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

```
.background{ background-color: rgb(196,  
185, 181) }
```

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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