

Converting Colors

CIELCh(76, 3.222, 46.171)

Have a look what the booklet for
CIELCh(76, 3.222, 46.171) contains.

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Color

CIELCh(76, 3.395, 47.740)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C2BAB7 |
| RGB | 194, 186, 183 |
| RGB Percent | 76%, 73%, 72% |
| CMY | 0.2400, 0.2714, 0.2831 |
| CMYK | 0.00, 0.04, 0.06, 0.24 |
| HSL | 16°, 8%, 74% |
| HSV | 16°, 6%, 76% |
| XYZ | 48.2400, 49.8872, 51.7781 |
| YIQ | 188.0500, 5.7310, 0.7630 |

Conversions

Conversions Part 2

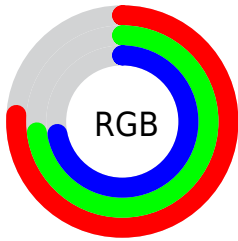
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 187, 183 |
| Decimal | 12761783 |
| CIELab | 76.00, 2.28, 2.51 |
| CIELCh | 76, 3.395, 47.740 |
| Yxy | 49.8872, 0.3218, 0.3328 |
| Android (android.graphics.Color) | 4290951863 (0xFFC2BAB7) |
| YUV | 188.0500, -2.4896, 5.2182 |
| Hunter-Lab | 70.6309, -1.6908, 5.9773 |

Details

The CIELCh color `76, 3.395, 47.740` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 3.294, 228.719`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 3.222, 47.762`, and `56, 3.275, 50.987` is the 20% darker color. If you saturate the color by 10%, you get `72, 9.749, 47.383`, and if you desaturate by 10%, it is `80, 2.500, 228.678`.

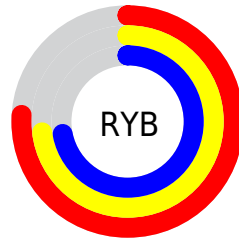
Distribution



Red (76%)

Green (73%)

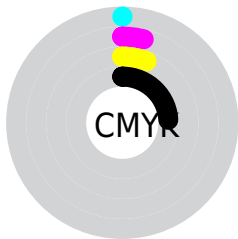
Blue (72%)



Red (76%)

Yellow (73%)

Blue (72%)

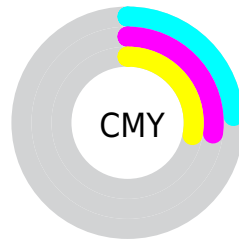


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.395, 47.740 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, 3.395, 47.740 by changing the saturation by 10% instead.

■ 76, 3.395, 47.740

■ 76, 3.395, 47.740

■ 100, 3.395, 47.740

■ 66, 3.395, 47.740

■ 96, 3.395, 47.740

■ 56, 3.395, 47.740

■ 46, 3.395, 47.740

■ 36, 3.395, 47.740

■ 26, 3.395, 47.740

■ 16, 3.395, 47.740

■ 6, 3.395, 47.740

■ 0, 3.395, 47.740

■ 76, 3.395, 47.740

■ 76, 3.395, 47.740

72, 9.749, 47.383

80, 2.500, 228.678

68, 16.611, 46.991

84, 7.985, 229.127

64, 24.022, 46.690

89, 13.107,
229.714

60, 32.003, 46.513

93, 16.893,
221.757

57, 40.539, 46.480

53, 49.544, 46.587

96, 19.973,
198.189

50, 58.780, 46.770

47, 67.697, 46.822

45, 75.169, 46.273

Harmonies

Complementary

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



76, 3.395, 47.740



77, 3.294, 228.719

Rectangle

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



76, 3.395, 47.740



76, 3.395, 97.740



76, 3.395, 227.740



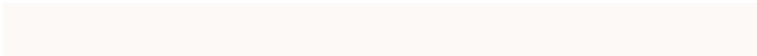
76, 3.395, 277.740

Sweetspot

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



76, 3.395, 47.778



98, 1.460, 47.698



75, 5.987, 333.289



53, 0.837, 47.682



0, 0.000, 0.000



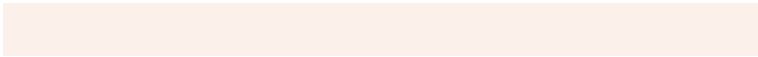
53, 0.007, 296.813

Same Dimension

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



76, 3.395, 47.778



96, 5.220, 47.734



77, 4.595, 97.639



39, 2.732, 47.720



37, 67.613, 46.532



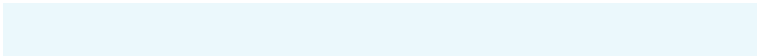
5, 12.008, 37.096

Inverse Universe

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



77, 3.294, 228.719



97, 5.021, 228.782



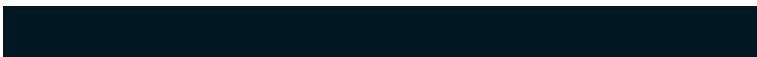
75, 4.631, 279.034



40, 2.622, 228.802



46, 33.191, 250.352



7, 10.429, 240.682

Previews

White Background



This preview shows how the CIELCh color 76, 3.395, 47.740 looks on a white background.

Color Contrast Check

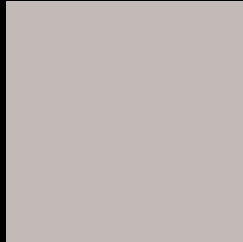
Large Text (above 18pt) WCAG AA × Fail

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, 3.395, 47.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

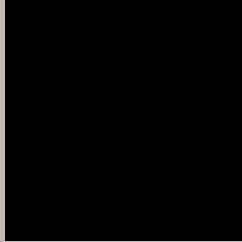
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

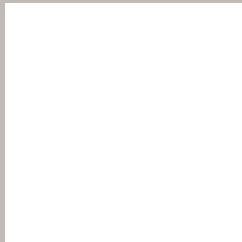
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.395, 47.740

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.395, 47.740.

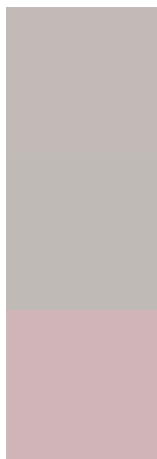


This preview shows how white text looks on a background with the CIELCh color 76, 3.395, 47.740.

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, 3.395, 47.740

Protanopia

76, 2.751, 55.158

Deuteranopia

76, 9.986, 10.956



Tritanopia
76, 9.424, 321.095

Trichromacy



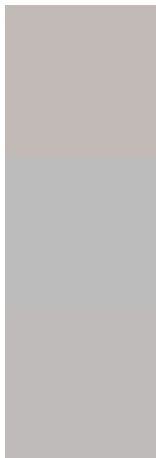
Original Color
76, 3.395, 47.740

Protanomaly
76, 3.066, 51.060

Deuteranomaly
76, 7.196, 15.666

Tritanomaly
76, 5.955, 333.522

Monochromacy



Original Color
76, 3.395, 47.740

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.229, 44.913

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 76, 3.395, 47.740 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(194, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 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(194, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.395, 47.740 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(194, 186, 183) }
```

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

```
.border{ border-color:rgb(194, 186, 183) }
```

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

Here you see how a box with a 4 pixel rgb(194, 186, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.395, 47.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 183) }
```

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

```
.background{ background-color: rgb(194,  
186, 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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