

Converting Colors

CIELCh(76, 11.774, 107.468)

Have a look what the booklet for
CIELCh(76, 11.774, 107.468)
contains.

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Color

CIELCh(76, 11.776, 109.063)

Conversions

Conversions Part 1

Format	Color
Hex	BDBDA7
RGB	189, 189, 167
RGB Percent	74%, 74%, 65%
CMY	0.2596, 0.2596, 0.3458
CMYK	0.00, 0.00, 0.12, 0.26
HSL	60°, 14%, 70%
HSV	60°, 12%, 74%
XYZ	46.0500, 49.8872, 43.6679
YIQ	186.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

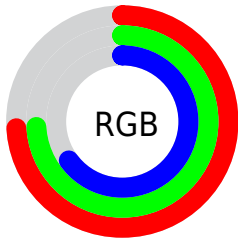
Format	Color
RYB	167, 189, 167
Decimal	12434855
CIELab	76.00, -3.85, 11.13
CIELCh	76, 11.776, 109.063
Yxy	49.8872, 0.3299, 0.3573
Android (android.graphics.Color)	4290624935 (0xFFBDBDA7)
YUV	186.4920, -9.6096, 2.1995
Hunter-Lab	70.6309, -7.2255, 12.7853

Details

The CIELCh color **76, 11.776, 109.063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 12.094, 291.402**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.729, 109.264**, and **56, 11.932, 108.737** is the 20% darker color. If you saturate the color by 10%, you get **76, 21.815, 108.110**, and if you desaturate by 10%, it is **76, 1.665, 109.993**.

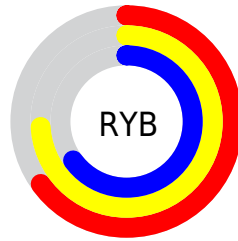
Distribution



Red (74%)

Green (74%)

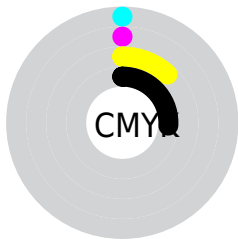
Blue (65%)



Red (65%)

Yellow (74%)

Blue (65%)

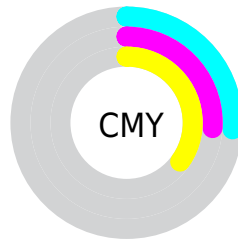


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (26%)



Cyan (26%)


Magenta (26%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.776, 109.063 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, 11.776, 109.063 by changing the saturation by 10% instead.


 76, 11.776,
109.063


 76, 11.776,
109.063


 100, 11.776,
109.063


 66, 11.776,
109.063


 96, 11.776,
109.063

 56, 11.776,
109.063

 46, 11.776,
109.063

 36, 11.776,
109.063

 26, 11.776,
109.063

 16, 11.776,
109.063

 6, 11.776, 109.063

■ 0, 11.776, 109.063

■ 76, 11.776,
109.063

■ 76, 11.776,
109.063

■ 76, 21.815,
108.110

■ 76, 1.665, 109.993

■ 75, 31.700,
107.155

■ 77, 8.473, 290.972

■ 75, 41.313,
106.225

■ 78, 18.602,
291.875

■ 75, 50.467,
105.346

■ 78, 28.697,
292.746

■ 75, 58.885,
104.548

■ 79, 35.444,
293.310

■ 74, 66.176,
103.870

■ 79, 35.444,
293.312

■ 79, 35.444,

■ 74, 71.871,
103.350

293.314

■ 74, 75.557,
103.020

■ 79, 35.444,
293.316

■ 74, 77.312,
102.865

■ 79, 35.444,
293.318

Harmonies

Complementary

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



76, 11.776, 109.063



69, 12.094, 291.402

Rectangle

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



76, 11.776, 109.063



76, 11.776, 159.063



76, 11.776, 289.063



76, 11.776, 339.063

Sweetspot

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



76, 11.778, 109.070



96, 3.742, 109.878



70, 8.501, 20.099



51, 2.837, 109.805



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



76, 11.778, 109.070



96, 17.465, 108.824



75, 12.564, 128.563



40, 5.728, 109.290



63, 67.797, 102.864



11, 16.898, 107.656

Inverse Universe

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



69, 12.094, 291.402



85, 18.036, 291.701



70, 12.769, 309.582



36, 5.854, 291.146



18, 93.615, 306.288



1, 17.439, 290.644

Previews

White Background



This preview shows how the CIELCh color 76, 11.776, 109.063 looks on a white background.

Color Contrast Check

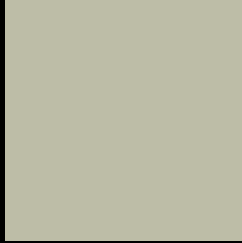
Large Text (above 18pt) WCAG AA × Fail

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, 11.776, 109.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

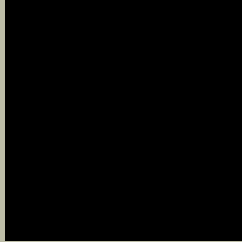
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

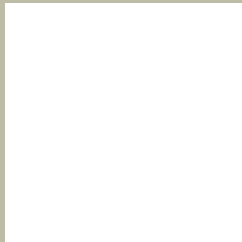
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.776, 109.063

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.776, 109.063.



This preview shows how white text looks on a background with the CIELCh color 76, 11.776, 109.063.

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, 11.776, 109.063

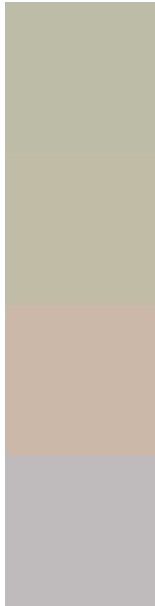
Protanopia
76, 11.777, 91.808

Deuteranopia
76, 14.084, 49.717



Tritanopia
76, 8.765, 312.779

Trichromacy



Original Color
76, 11.776, 109.063

Protanomaly
76, 11.931, 99.702

Deuteranomaly
76, 11.621, 67.151

Tritanomaly
76, 1.942, 3.230

Monochromacy



Original Color
76, 11.776, 109.063

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.291, 109.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.776, 109.063 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(189, 189, 167)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 167)  
}
```

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(189, 189, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.776, 109.063 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(189, 189, 167) }
```

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

```
.border{ border-color:rgb(189, 189, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 167);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.776, 109.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 167) }
```

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

```
.background{ background-color: rgb(189,  
189, 167) }
```

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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