

Converting Colors

CIELCh(76, 10.703, 113.127)

Have a look what the booklet for
CIELCh(76, 10.703, 113.127)
contains.

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Color

CIELCh(76, 10.743, 113.257)

Conversions

Conversions Part 1

Format	Color
Hex	BBBDA9
RGB	187, 189, 169
RGB Percent	73%, 74%, 66%
CMY	0.2662, 0.2584, 0.3368
CMYK	0.01, 0.00, 0.11, 0.26
HSL	66°, 13%, 70%
HSV	66°, 11%, 74%
XYZ	45.9109, 49.8872, 44.7968
YIQ	186.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

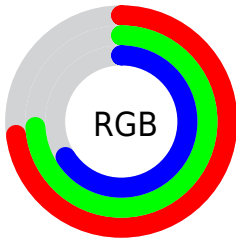
Format	Color
RYB	169, 189, 171
Decimal	12303785
CIELab	76.00, -4.24, 9.87
CIElCh	76, 10.743, 113.257
Yxy	49.8872, 0.3265, 0.3548
Android (android.graphics.Color)	4290493865 (0xFFBBBDA9)
YUV	186.1220, -8.4411, 0.7700
Hunter-Lab	70.6309, -7.5770, 11.8377

Details

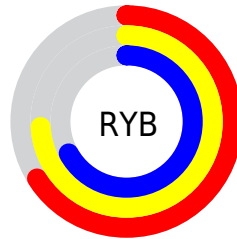
The CIELCh color **76, 10.743, 113.257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 11.005, 295.025**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 10.743, 113.216**, and **56, 10.840, 113.228** is the 20% darker color. If you saturate the color by 10%, you get **75, 20.841, 112.451**, and if you desaturate by 10%, it is **77, 0.580, 114.025**.

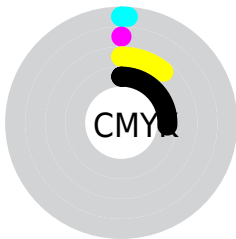
Distribution



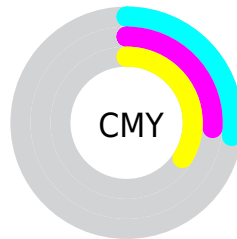
- Red (73%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (26%)





- Cyan (27%)
- Magenta (26%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 10.743, 113.257 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, 10.743, 113.257 by changing the saturation by 10% instead.


 76, 10.743,
113.257


 76, 10.743,
113.257


 100, 10.743,
113.257


 66, 10.743,
113.257


 96, 10.743,
113.257

 56, 10.743,
113.257

 46, 10.743,
113.257

 36, 10.743,
113.257

 26, 10.743,
113.257

 16, 10.743,
113.257

 6, 10.743, 113.257

■ 0, 10.743, 113.257

■ 76, 10.743,
113.257

■ 76, 10.743,
113.257

■ 75, 20.841,
112.451

■ 77, 0.580, 114.025

■ 75, 30.794,
111.640

■ 77, 9.604, 294.850

■ 75, 40.489,
110.853

■ 78, 19.770,
295.597

■ 74, 49.752,
110.121

■ 79, 29.894,
296.310

■ 74, 58.320,
109.485

■ 79, 35.376,
297.131

■ 73, 65.823,
108.999

■ 79, 35.425,
298.114

■ 80, 35.484,

■ 73, 71.798,
108.729

299.100

■ 73, 75.812,
108.738

■ 80, 35.552,
300.086

■ 73, 77.960,
108.981

■ 80, 35.631,
301.073

Harmonies

Complementary

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



76, 10.743, 113.257



70, 11.005, 295.025

Rectangle

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



76, 10.743, 113.257



76, 10.743, 163.257



76, 10.743, 293.257



76, 10.743, 343.257

Sweetspot

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



76, 10.745, 113.264



96, 3.755, 113.864



71, 7.009, 28.814



51, 2.847, 113.801



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, 10.745, 113.264



95, 16.276, 113.051



75, 11.705, 132.051



40, 5.747, 113.363



62, 68.272, 108.901



11, 17.060, 113.894

Inverse Universe

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



70, 11.005, 295.025



86, 16.764, 295.275



71, 11.844, 312.912



36, 5.872, 294.912



18, 93.043, 306.667



1, 17.474, 293.430

Previews

White Background



This preview shows how the CIELCh color 76, 10.743, 113.257 looks on a white background.

Color Contrast Check

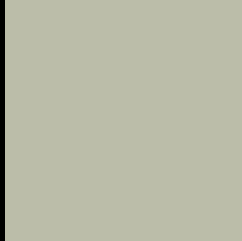
Large Text (above 18pt) WCAG AA × Fail

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, 10.743, 113.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

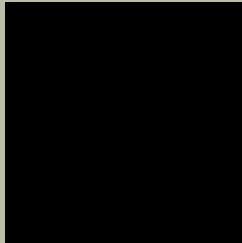
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

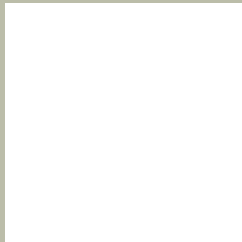
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.743, 113.257

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.743, 113.257.

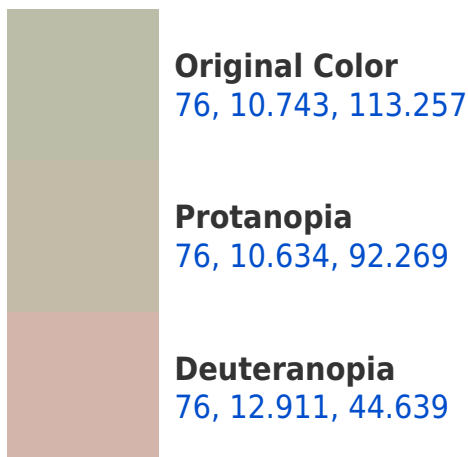



This preview shows how white text looks on a background with the CIELCh color 76, 10.743, 113.257.

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





Tritanopia
76, 7.885, 306.859

Trichromacy



Original Color
76, 10.743, 113.257

Protanomaly
76, 10.816, 100.950

Deuteranomaly
76, 10.268, 66.566

Tritanomaly
76, 1.847, 343.609

Monochromacy



Original Color
76, 10.743, 113.257

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.777, 115.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.743, 113.257 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(187, 189, 169)` looks like.

```
.text, #text, p{  
    color:rgb(187, 189, 169)  
}
```

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(187, 189, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 189, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.743, 113.257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

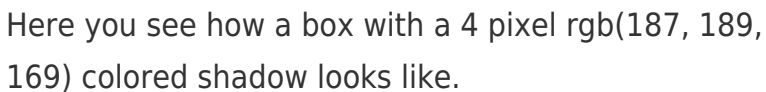
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 189, 169) }
```

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

```
.border{ border-color:rgb(187, 189, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 189, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 189, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 189, 169); box-shadow:4px 4px 4px 4px rgb(187, 189, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.743, 113.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 189, 169) }
```

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

```
.background{ background-color: rgb(187,  
189, 169) }
```

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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