

Converting Colors

CIELCh(76, 4.555, 6.944)

Have a look what the booklet for
CIELCh(76, 4.555, 6.944) contains.

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Color

CIELCh(76, 4.155, 12.206)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9BA
RGB	196, 185, 186
RGB Percent	77%, 73%, 73%
CMY	0.2320, 0.2751, 0.2712
CMYK	0.00, 0.06, 0.05, 0.23
HSL	355°, 9%, 75%
HSV	355°, 6%, 77%
XYZ	48.8881, 49.8872, 53.4212
YIQ	188.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

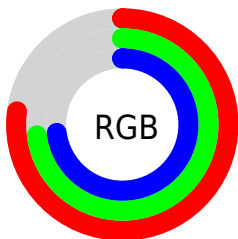
Format	Color
R_{YB}	196, 185, 186
Decimal	12892602
CIE Lab	76.00, 4.06, 0.88
CIE LCh	76, 4.155, 12.206
Yxy	49.8872, 0.3212, 0.3278
Android (android.graphics.Color)	4291082682 (0xFFC4B9BA)
YUV	188.4030, -1.1847, 6.6626
Hunter-Lab	70.6309, -0.0531, 4.5980

Details

The CIELCh color $76, 4.155, 12.206$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 4.032, 191.622$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 4.303, 12.732$, and $56, 4.031, 11.605$ is the 20% darker color. If you saturate the color by 10%, you get $71, 11.941, 13.223$, and if you desaturate by 10%, it is $82, 3.132, 191.770$.

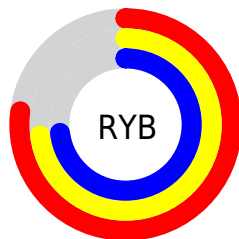
Distribution



Red (77%)

Green (73%)

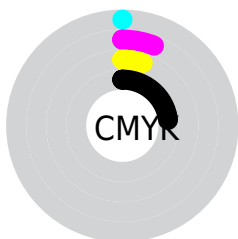
Blue (73%)



Red (77%)

Yellow (73%)

Blue (73%)

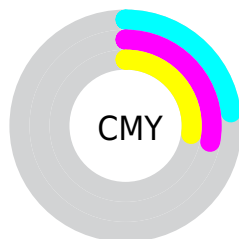


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.155, 12.206 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, 4.155, 12.206 by changing the saturation by 10% instead.

 76, 4.155, 12.206

 76, 4.155, 12.206

 100, 4.155, 12.206

 66, 4.155, 12.206

 96, 4.155, 12.206

 56, 4.155, 12.206

 46, 4.155, 12.206

 36, 4.155, 12.206

 26, 4.155, 12.206

 16, 4.155, 12.206

 6, 4.155, 12.206

 0, 4.155, 12.206

 76, 4.155, 12.206

 76, 4.155, 12.206

71, 11.941, 13.223

82, 3.132, 191.770

65, 20.227, 14.360

87, 9.939, 191.019

60, 28.962, 15.763

93, 16.305,
190.456

55, 38.028, 17.531

96, 19.360,
198.228

51, 47.223, 19.782

47, 56.270, 22.644

44, 64.856, 26.211

42, 72.684, 30.423

41, 79.373, 34.857

Harmonies

Complementary

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



76, 4.155, 12.206



78, 4.032, 191.622

Rectangle

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



76, 4.155, 12.206



76, 4.155, 62.206



76, 4.155, 192.206



76, 4.155, 242.206

Sweetspot

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



76, 4.153, 12.228



99, 1.813, 11.713



76, 6.981, 321.951



53, 1.030, 11.687



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, 4.153, 12.228



95, 6.448, 12.381



77, 3.396, 63.201



39, 3.347, 12.419



33, 70.190, 35.836



3, 14.068, 14.464

Inverse Universe

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



76, 4.153, 12.228



95, 6.448, 12.381



77, 3.331, 244.623



39, 3.347, 12.419



33, 70.190, 35.836



3, 14.068, 14.464

Previews

White Background



This preview shows how the CIELCh color 76, 4.155, 12.206 looks on a white background.

Color Contrast Check

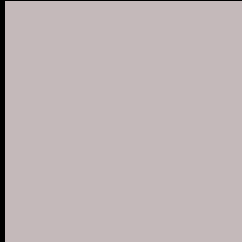
Large Text (above 18pt) WCAG AA × Fail

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, 4.155, 12.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

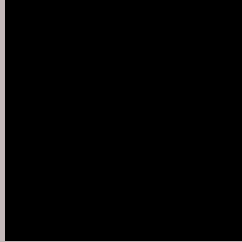
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

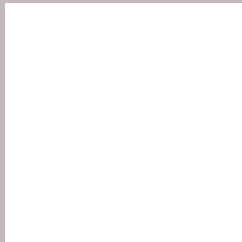
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.155, 12.206

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.155, 12.206.

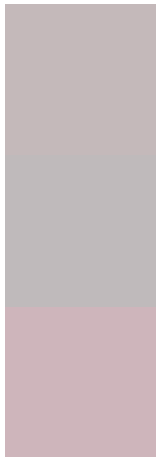


This preview shows how white text looks on a background with the CIELCh color 76, 4.155, 12.206.

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, 4.155, 12.206

Protanopia

76, 1.942, 3.230

Deuteranopia

76, 9.955, 1.376



Tritanopia
76, 9.379, 326.682

Trichromacy



Original Color
76, 4.155, 12.206

Protanomaly
76, 2.668, 7.819

Deuteranomaly
76, 7.985, 0.399

Tritanomaly
76, 6.855, 334.998

Monochromacy



Original Color
76, 4.155, 12.206

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.487, 19.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.155, 12.206 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.155, 12.206 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, 186) }
```

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

```
.border{ border-color:rgb(196, 185, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.155, 12.206 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, 186) }
```

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

```
.background{ background-color: rgb(196,  
185, 186) }
```

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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