

Converting Colors

CIELCh(76, 12.313, 101.404)

Have a look what the booklet for
CIELCh(76, 12.313, 101.404)
contains.

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Color

CIELCh(76, 12.407, 101.815)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C0BCA5 |
| RGB | 192, 188, 165 |
| RGB Percent | 75%, 74%, 65% |
| CMY | 0.2471, 0.2627, 0.3529 |
| CMYK | 0.00, 0.02, 0.14, 0.25 |
| HSL | 51°, 18%, 70% |
| HSV | 51°, 14%, 75% |
| XYZ | 46.5109, 49.8872, 42.7735 |
| YIQ | 186.5740, 9.7670, -6.3050 |

Conversions

Conversions Part 2

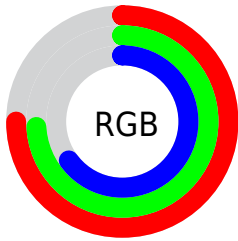
| Format | Color |
|-------------------------------------|--|
| RYB | 170, 192, 165 |
| Decimal | 12631205 |
| CIELab | 76.00, -2.54, 12.14 |
| CIELCh | 76, 12.407, 101.815 |
| Yxy | 49.8872, 0.3342, 0.3585 |
| Android (android.graphics.Color) | 4290821285 (0xFFC0BCA5) |
| YUV | 186.5740, -10.6360, 4.7586 |
| Hunter-Lab | 70.6309, -6.0607, 13.5361 |

Details

The CIELCh color **76, 12.407, 101.815** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 12.669, 285.028**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 12.369, 100.694**, and **56, 12.568, 102.935** is the 20% darker color. If you saturate the color by 10%, you get **75, 21.255, 100.711**, and if you desaturate by 10%, it is **77, 3.570, 102.888**.

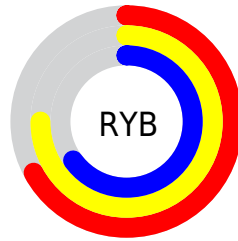
Distribution



Red (75%)

Green (74%)

Blue (65%)



Red (67%)

Yellow (75%)

Blue (65%)

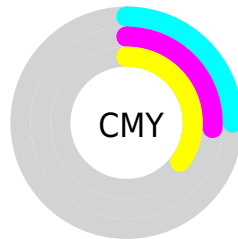


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (26%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 12.407, 101.815 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, 12.407, 101.815 by changing the saturation by 10% instead.


 76, 12.407,
101.815


 76, 12.407,
101.815


 100, 12.407,
101.815


 66, 12.407,
101.815


 96, 12.407,
101.815

 56, 12.407,
101.815

 46, 12.407,
101.815

 36, 12.407,
101.815

 26, 12.407,
101.815

 16, 12.407,
101.815

 6, 12.407, 101.815

0, 12.407, 101.815

76, 12.407,
101.815

76, 12.407,
101.815

75, 21.255,
100.711

77, 3.570, 102.888

78, 5.226, 284.003

74, 30.053, 99.577

80, 13.962,
285.004

73, 38.703, 98.435

72, 47.039, 97.295

81, 22.628,
285.974

71, 54.790, 96.168

82, 28.081,
285.882

70, 61.539, 95.062

69, 66.725, 93.971

83, 26.630,
283.374

68, 69.790, 92.872

84, 25.236,

■ 68, 70.855, 92.212 280.597

■ 84, 23.906,
277.519

■ 85, 22.653,
274.106

Harmonies

Complementary

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



76, 12.407, 101.815



70, 12.669, 285.028

Rectangle

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



76, 12.407, 101.815



76, 12.407, 151.815



76, 12.407, 281.815



76, 12.407, 331.815

Sweetspot

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



76, 12.409, 101.823



98, 4.355, 102.888



70, 10.638, 8.395



52, 3.096, 102.812



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 12.409, 101.823



96, 18.592, 101.469



76, 14.901, 122.930



40, 5.034, 102.333



57, 62.158, 92.369



10, 15.487, 97.331

Inverse Universe

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



70, 12.669, 285.028



86, 19.070, 285.460



69, 15.280, 304.448



38, 5.109, 284.438



21, 86.450, 303.704



2, 17.451, 286.848

Previews

White Background



This preview shows how the CIELCh color 76, 12.407, 101.815 looks on a white background.

Color Contrast Check

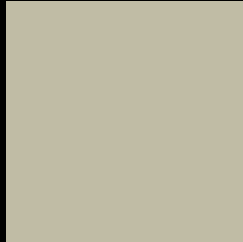
Large Text (above 18pt) WCAG AA × Fail

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, 12.407, 101.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

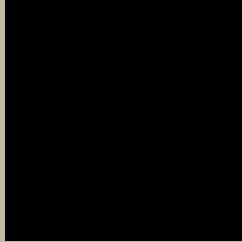
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

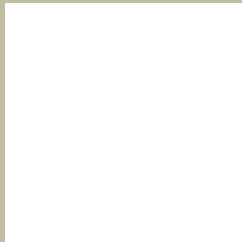
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 12.407, 101.815

Background



This preview shows how black text looks on a background with the CIELCh color 76, 12.407, 101.815.



This preview shows how white text looks on a background with the CIELCh color 76, 12.407, 101.815.

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, 12.407, 101.815

Protanopia
76, 12.807, 93.075

Deuteranopia
76, 15.099, 49.925



Tritanopia
76, 9.615, 322.997

Trichromacy



Original Color
76, 12.407, 101.815

Protanomaly
76, 12.706, 94.781

Deuteranomaly
76, 12.588, 66.037

Tritanomaly
76, 3.781, 11.422

Monochromacy



Original Color
76, 12.407, 101.815

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.348, 99.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 12.407, 101.815 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(192, 188, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 188, 165)  
}
```

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(192, 188, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 188, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 12.407, 101.815 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(192, 188, 165) }
```

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

```
.border{ border-color:rgb(192, 188, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 188, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 188, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 188, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 188,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 12.407, 101.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 188, 165) }
```

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

```
.background{ background-color: rgb(192,  
188, 165) }
```

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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