

Converting Colors

CIELCh(76, 15.708, 130.030)

Have a look what the booklet for
CIELCh(76, 15.708, 130.030)
contains.

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Color

CIELCh(76, 15.588, 130.386)

Conversions

Conversions Part 1

Format	Color
Hex	B1C0A5
RGB	177, 192, 165
RGB Percent	69%, 75%, 65%
CMY	0.3051, 0.2462, 0.3521
CMYK	0.08, 0.00, 0.14, 0.25
HSL	93°, 18%, 70%
HSV	93°, 14%, 75%
XYZ	43.8848, 49.8872, 43.0111
YIQ	184.4370, -0.2730, -11.5770

Conversions

Conversions Part 2

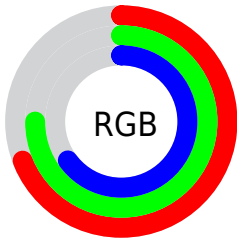
Format	Color
RYB	165, 192, 180
Decimal	11649189
CIELab	76.00, -10.10, 11.87
CIELCh	76, 15.588, 130.386
Yxy	49.8872, 0.3208, 0.3647
Android (android.graphics.Color)	4289839269 (0xFFB1C0A5)
YUV	184.4370, -9.5824, -6.5222
Hunter-Lab	70.6309, -12.6974, 13.3366

Details

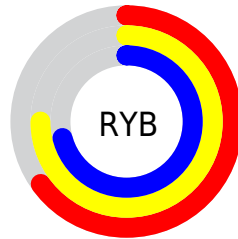
The CIELCh color **76, 15.588, 130.386** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 15.855, 311.586**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.322, 129.822**, and **56, 16.027, 130.921** is the 20% darker color. If you saturate the color by 10%, you get **75, 26.693, 129.916**, and if you desaturate by 10%, it is **77, 4.478, 130.849**.

Distribution



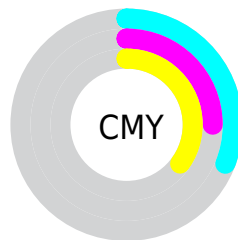
- Red (69%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)





- Cyan (31%)
- Magenta (25%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 15.588, 130.386 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, 15.588, 130.386 by changing the saturation by 10% instead.


 76, 15.588,
130.386


 76, 15.588,
130.386


 100, 15.588,
130.386


 66, 15.588,
130.386


 96, 15.588,
130.386

 56, 15.588,
130.386

 46, 15.588,
130.386

 36, 15.588,
130.386

 26, 15.588,
130.386

 16, 15.588,
130.386

 6, 15.588, 130.386

0, 15.588, 130.386

76, 15.588,
130.386

76, 15.588,
130.386

75, 26.693,
129.916

77, 4.478, 130.849

74, 37.684,
129.431

79, 6.570, 311.202

73, 48.415,
128.958

80, 17.500,
311.579

72, 58.673,
128.540

82, 28.276,
311.908

71, 68.159,
128.249

83, 35.798,
313.943

71, 76.467,
128.186

84, 37.176,
319.345

85, 38.848,

■ 70, 83.126,
128.478

324.416

■ 70, 87.755,
129.233

■ 85, 39.373,
325.791

■ 69, 89.791,
129.807

Harmonies

Complementary

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



76, 15.588, 130.386



70, 15.855, 311.586

Rectangle

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



76, 15.588, 130.386



76, 15.588, 180.386



76, 15.588, 310.386



76, 15.588, 0.386

Sweetspot

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



76, 15.590, 130.388



98, 5.471, 130.848



74, 9.297, 78.835



52, 3.890, 130.811



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, 15.590, 130.388



96, 23.351, 130.239



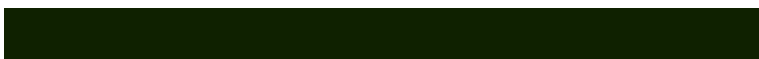
75, 17.214, 144.956



40, 6.325, 130.602



59, 78.442, 129.595



11, 21.511, 134.276

Inverse Universe

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



70, 15.855, 311.586



86, 23.835, 311.736



71, 17.237, 326.576



38, 6.401, 311.372



26, 87.193, 313.355



2, 20.427, 307.374

Previews

White Background



This preview shows how the CIELCh color 76, 15.588, 130.386 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, 15.588, 130.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

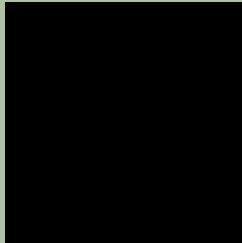
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 15.588, 130.386

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.588, 130.386.



This preview shows how white text looks on a background with the CIELCh color 76, 15.588, 130.386.

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, 15.588, 130.386

Protanopia
76, 13.843, 94.138

Deuteranopia
76, 14.174, 47.134



Tritanopia
76, 8.179, 280.912

Trichromacy



Original Color
76, 15.588, 130.386

Protanomaly
76, 13.910, 108.860

Deuteranomaly
76, 10.841, 76.686

Tritanomaly
76, 2.924, 199.354

Monochromacy



Original Color
76, 15.588, 130.386

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 5.843, 132.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.588, 130.386 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(177, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 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(177, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.588, 130.386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

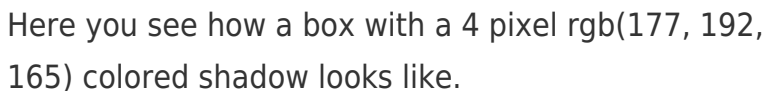
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 192, 165) }
```

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

```
.border{ border-color:rgb(177, 192, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 192, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 192, 165); box-shadow:4px 4px 4px 4px rgb(177, 192, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.588, 130.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 165) }
```

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

```
.background{ background-color: rgb(177,  
192, 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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