

Converting Colors

CIELCh(76, 8.886, 129.226)

Have a look what the booklet for
CIELCh(76, 8.886, 129.226) contains.

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Color

CIELCh(76, 8.616, 129.903)

Conversions

Conversions Part 1

Format	Color
Hex	B6BEAF
RGB	182, 190, 175
RGB Percent	71%, 75%, 69%
CMY	0.2861, 0.2548, 0.3136
CMYK	0.04, 0.00, 0.08, 0.25
HSL	92°, 10%, 72%
HSV	92°, 8%, 75%
XYZ	45.4612, 49.8872, 47.8075
YIQ	185.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

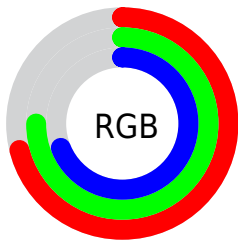
Format	Color
RYB	175, 190, 183
Decimal	11976367
CIELab	76.00, -5.53, 6.61
CIELCh	76, 8.616, 129.903
Yxy	49.8872, 0.3176, 0.3485
Android (android.graphics.Color)	4290166447 (0xFFB6BEAF)
YUV	185.8980, -5.3727, -3.4185
Hunter-Lab	70.6309, -8.7135, 9.3104

Details

The CIELCh color **76, 8.616, 129.903** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 8.715, 310.553**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 8.202, 129.981**, and **56, 8.626, 131.116** is the 20% darker color. If you saturate the color by 10%, you get **75, 19.570, 129.445**, and if you desaturate by 10%, it is **77, 2.301, 310.261**.

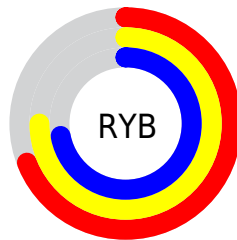
Distribution



Red (71%)

Green (75%)

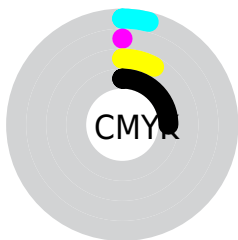
Blue (69%)



Red (69%)

Yellow (75%)

Blue (72%)

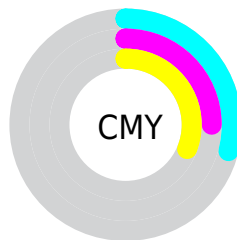


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.616, 129.903 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, 8.616, 129.903 by changing the saturation by 10% instead.

■ 76, 8.616, 129.903

■ 76, 8.616, 129.903

■ 100, 8.616,
129.903

■ 66, 8.616, 129.903

■ 96, 8.616, 129.903

■ 56, 8.616, 129.903

■ 46, 8.616, 129.903

■ 36, 8.616, 129.903

■ 26, 8.616, 129.903

■ 16, 8.616, 129.903

■ 6, 8.616, 129.903

■ 0, 8.616, 129.903

■ 76, 8.616, 129.903

■ 76, 8.616, 129.903

75, 19.570,
129.445

77, 2.301, 310.261

74, 30.474,
128.966

79, 13.130,
310.691

73, 41.214,
128.485

80, 23.826,
311.043

72, 51.625,
128.033

82, 34.362,
311.356

71, 61.470,
127.664

83, 37.416,
315.460

70, 70.413,
127.460

83, 38.776,
320.352

70, 78.023,
127.535

84, 40.386,
324.963

69, 83.841,
128.015

85, 40.732,
325.837

69, 87.702,

128.942

Harmonies

Complementary

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



76, 8.616, 129.903



73, 8.715, 310.553

Rectangle

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



76, 8.616, 129.903



76, 8.616, 179.903



76, 8.616, 309.903



76, 8.616, 359.903

Sweetspot

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



76, 8.618, 129.907



97, 2.691, 130.201



75, 5.047, 77.902



52, 1.542, 130.208



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, 8.618, 129.907



96, 12.174, 129.850



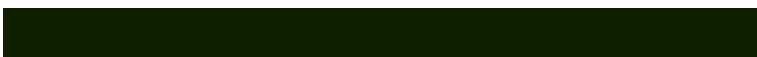
75, 9.656, 144.909



39, 6.153, 129.841



58, 76.982, 128.915



9, 19.315, 134.124

Inverse Universe

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



73, 8.715, 310.553



91, 12.325, 310.610



73, 9.674, 325.751



37, 6.231, 310.620



25, 86.568, 312.820



2, 18.182, 306.156

Previews

White Background



This preview shows how the CIELCh color 76, 8.616, 129.903 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 CIE LCh color 76, 8.616, 129.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

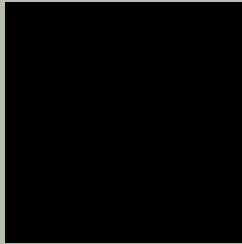
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

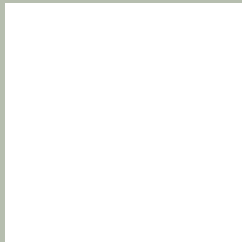
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.616, 129.903

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.616, 129.903.



This preview shows how white text looks on a background with the CIELCh color 76, 8.616, 129.903.

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

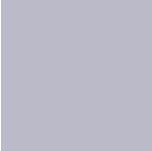
76, 8.616, 129.903

Protanopia

76, 7.957, 89.759

Deuteranopia

76, 10.999, 31.418



Tritanopia
76, 8.086, 290.938

Trichromacy



Original Color
76, 8.616, 129.903

Protanomaly
76, 7.535, 103.660

Deuteranomaly
76, 7.161, 56.464

Tritanomaly
76, 2.785, 275.258

Monochromacy



Original Color
76, 8.616, 129.903

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.790, 125.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.616, 129.903 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(182, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 190, 175)  
}
```

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(182, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 190, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.616, 129.903 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(182, 190, 175) }
```

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

```
.border{ border-color:rgb(182, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 190,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.616, 129.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 190, 175) }
```

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

```
.background{ background-color: rgb(182,  
190, 175) }
```

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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