

Converting Colors

CIELCh(76, 1.236, 43.103)

Have a look what the booklet for
CIELCh(76, 1.236, 43.103) contains.

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Color

CIELCh(76, 1.229, 44.913)

Conversions

Conversions Part 1

Format	Color
Hex	BEBBBA
RGB	190, 187, 186
RGB Percent	75%, 73%, 73%
CMY	0.2559, 0.2676, 0.2715
CMYK	0.00, 0.02, 0.02, 0.26
HSL	15°, 3%, 74%
HSV	15°, 2%, 74%
XYZ	47.7292, 49.8872, 53.4322
YIQ	187.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

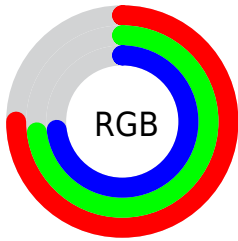
Format	Color
R _Y B	190, 187, 186
Decimal	12499898
CIE Lab	76.00, 0.87, 0.87
CIE LCh	76, 1.229, 44.913
Yxy	49.8872, 0.3160, 0.3303
Android (android.graphics.Color)	4290689978 (0xFFBEBBBA)
YUV	187.7830, -0.8790, 1.9443
Hunter-Lab	70.6309, -2.9817, 4.5888

Details

The CIELCh color `76, 1.229, 44.913` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 1.220, 226.028`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 1.168, 44.819`, and `56, 1.310, 44.989` is the 20% darker color. If you saturate the color by 10%, you get `72, 7.353, 44.945`, and if you desaturate by 10%, it is `80, 4.449, 226.008`.

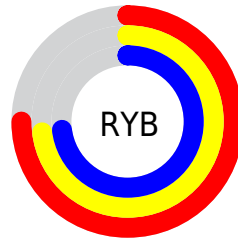
Distribution



Red (75%)

Green (73%)

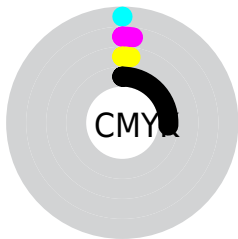
Blue (73%)



Red (75%)

Yellow (73%)

Blue (73%)

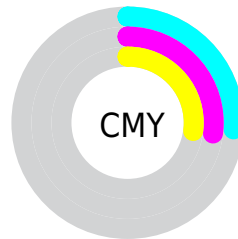


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 1.229, 44.913 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, 1.229, 44.913 by changing the saturation by 10% instead.

■ 76, 1.229, 44.913

■ 76, 1.229, 44.913

■ 100, 1.229, 44.913

■ 66, 1.229, 44.913

■ 96, 1.229, 44.913

■ 56, 1.229, 44.913

■ 46, 1.229, 44.913

■ 36, 1.229, 44.913

■ 26, 1.229, 44.913

■ 16, 1.229, 44.913

■ 6, 1.229, 44.913

■ 0, 1.229, 44.913

■ 76, 1.229, 44.913

■ 76, 1.229, 44.913

72, 7.353, 44.945	80, 4.449, 226.008
68, 13.975, 44.648	84, 9.729, 226.455
64, 21.135, 44.436	89, 14.659, 226.972
60, 28.865, 44.353	93, 18.228, 217.301
56, 37.161, 44.428	96, 21.172, 198.114
53, 45.968, 44.673	
50, 55.117, 45.057	
47, 64.205, 45.442	
44, 72.345, 45.454	

Harmonies

Complementary

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



76, 1.229, 44.913



76, 1.220, 226.028

Rectangle

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



76, 1.229, 44.913



76, 1.229, 94.913



76, 1.229, 224.913



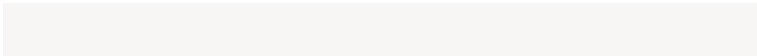
76, 1.229, 274.913

Sweetspot

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



76, 1.229, 45.012



97, 0.718, 44.613



76, 2.208, 332.333



52, 0.412, 44.569



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, 1.229, 45.012



96, 2.179, 45.100



77, 1.638, 96.880



39, 1.326, 45.123



36, 67.530, 45.625



4, 10.546, 36.467

Inverse Universe

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



76, 1.220, 226.028



96, 2.149, 225.946



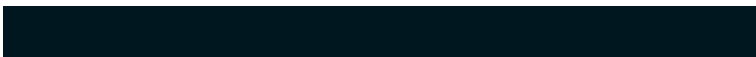
76, 1.658, 277.584



39, 1.301, 225.928



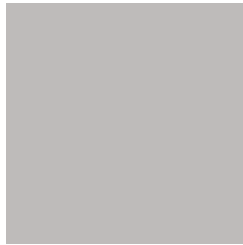
46, 31.932, 245.804



6, 9.490, 237.445

Previews

White Background



This preview shows how the CIELCh color 76, 1.229, 44.913 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, 1.229, 44.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

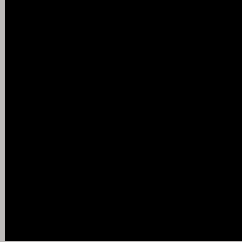
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

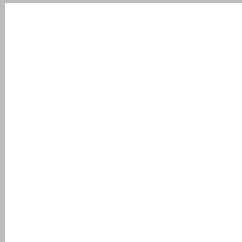
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 1.229, 44.913

Background



This preview shows how black text looks on a background with the CIELCh color 76, 1.229, 44.913.



This preview shows how white text looks on a background with the CIELCh color 76, 1.229, 44.913.

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, 1.229, 44.913

Protanopia

76, 1.862, 19.275

Deuteranopia

76, 9.595, 0.597



Tritanopia
76, 7.996, 309.363

Trichromacy



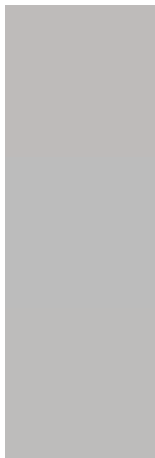
Original Color
76, 1.229, 44.913

Protanomaly
76, 1.862, 19.275

Deuteranomaly
76, 6.378, 0.197

Tritanomaly
76, 4.708, 313.447

Monochromacy



Original Color
76, 1.229, 44.913

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 0.642, 74.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 1.229, 44.913 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(190, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 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(190, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 1.229, 44.913 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(190, 187, 186) }
```

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

```
.border{ border-color:rgb(190, 187, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 187, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 1.229, 44.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 186) }
```

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

```
.background{ background-color: rgb(190,  
187, 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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