

Converting Colors

CIELCh(76, 1.824, 199.174)

Have a look what the booklet for
CIELCh(76, 1.824, 199.174) contains.

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Color

CIELCh(76, 1.835, 199.546)

Conversions

Conversions Part 1

Format	Color
Hex	B7BCBC
RGB	183, 188, 188
RGB Percent	72%, 74%, 74%
CMY	0.2809, 0.2613, 0.2613
CMYK	0.03, 0.00, 0.00, 0.26
HSL	180°, 4%, 73%
HSV	180°, 3%, 74%
XYZ	46.7987, 49.8872, 54.9519
YIQ	186.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

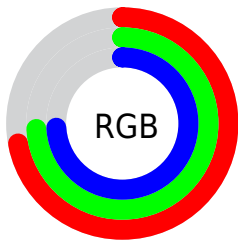
Format	Color
R _Y B	183, 186, 188
Decimal	12041404
CIE Lab	76.00, -1.73, -0.61
CIE LCh	76, 1.835, 199.546
Yxy	49.8872, 0.3086, 0.3290
Android (android.graphics.Color)	4290231484 (0xFFB7BCBC)
YUV	186.5050, 0.7370, -3.0739
Hunter-Lab	70.6309, -5.3333, 3.3131

Details

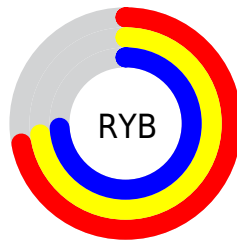
The CIELCh color $76, 1.835, 199.546$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 1.868, 19.229$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 1.750, 199.657$, and $56, 1.947, 199.419$ is the 20% darker color. If you saturate the color by 10%, you get $75, 8.542, 198.736$, and if you desaturate by 10%, it is $77, 5.180, 19.669$.

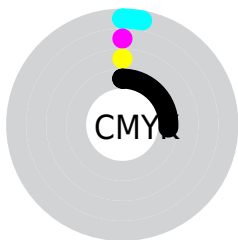
Distribution



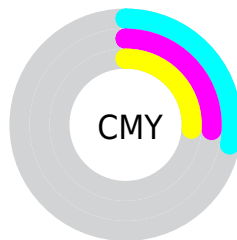
- Red (72%)
- Green (74%)
- Blue (74%)



- Red (72%)
- Yellow (73%)
- Blue (74%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 1.835, 199.546 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, 1.835, 199.546 by changing the saturation by 10% instead.

■ 76, 1.835, 199.546

■ 76, 1.835, 199.546

■ 100, 1.835,
199.546

■ 66, 1.835, 199.546

■ 96, 1.835, 199.546

■ 56, 1.835, 199.546

■ 46, 1.835, 199.546

■ 36, 1.835, 199.546

■ 26, 1.835, 199.546

■ 16, 1.835, 199.546

■ 6, 1.835, 199.546

■ 0, 1.835, 199.546

■ 76, 1.835, 199.546

■ 76, 1.835, 199.546

75, 8.542, 198.736

77, 5.180, 19.669

73, 14.836,
198.217

79, 12.416, 20.317

72, 20.608,
197.762

81, 19.796, 20.940

72, 25.749,
197.367

82, 25.775, 21.438

71, 30.158,
197.032

82, 25.775, 21.425

82, 25.774, 21.411

70, 33.757,
196.762

82, 25.773, 21.397

82, 25.773, 21.384

70, 36.500,
196.557

82, 25.772, 21.370

70, 38.390,
196.414

69, 39.481,
196.328

Harmonies

Complementary

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



76, 1.835, 199.546



75, 1.868, 19.229

Rectangle

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



76, 1.835, 199.546



76, 1.835, 249.546



76, 1.835, 19.546



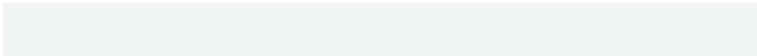
76, 1.835, 69.546

Sweetspot

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



76, 1.836, 199.493



96, 0.857, 200.046



76, 3.263, 143.930



51, 0.487, 200.089



98, 0.011, 296.813



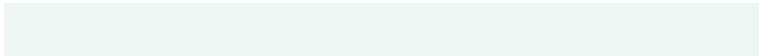
51, 0.007, 296.813

Same Dimension

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



76, 1.836, 199.493



96, 2.564, 199.435



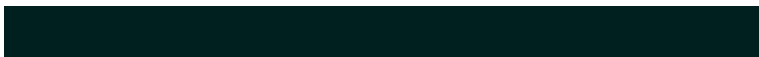
75, 1.606, 254.135



40, 1.566, 199.351



59, 35.075, 196.291



9, 11.666, 196.667

Inverse Universe

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



75, 1.868, 19.229



94, 2.614, 19.289



76, 1.605, 73.054



39, 1.603, 19.377



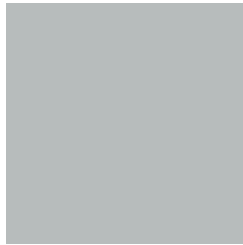
32, 72.778, 39.639



3, 12.252, 19.368

Previews

White Background



This preview shows how the CIELCh color 76, 1.835, 199.546 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, 1.835, 199.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

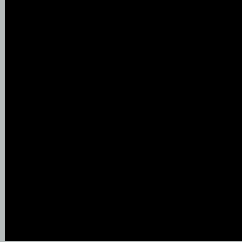
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

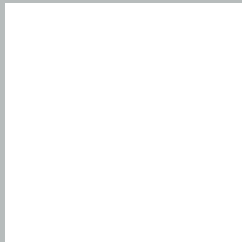
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 1.835, 199.546

Background



This preview shows how black text looks on a background with the CIELCh color 76, 1.835, 199.546.



This preview shows how white text looks on a background with the CIELCh color 76, 1.835, 199.546.

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, 1.835, 199.546

Protanopia

76, 1.588, 359.410

Deuteranopia

76, 9.882, 350.946



Tritanopia
76, 8.089, 288.405

Trichromacy



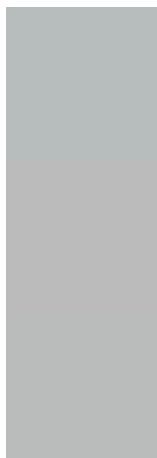
Original Color
76, 1.835, 199.546

Protanomaly
76, 0.665, 324.101

Deuteranomaly
76, 5.558, 350.884

Tritanomaly
76, 4.953, 278.004

Monochromacy



Original Color
76, 1.835, 199.546

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 0.736, 200.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 1.835, 199.546 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(183, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(183, 188, 188)  
}
```

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(183, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 188, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 1.835, 199.546 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(183, 188, 188) }
```

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

```
.border{ border-color:rgb(183, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(183, 188,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 1.835, 199.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 188, 188) }
```

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

```
.background{ background-color: rgb(183,  
188, 188) }
```

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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