

Converting Colors

CIELCh(76, 1.636, 197.124)

Have a look what the booklet for
CIELCh(76, 1.636, 197.124) contains.

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Color

CIELCh(76, 1.470, 199.647)

Conversions

Conversions Part 1

Format	Color
Hex	B8BCBC
RGB	184, 188, 188
RGB Percent	72%, 74%, 74%
CMY	0.2778, 0.2621, 0.2621
CMYK	0.02, 0.00, 0.00, 0.26
HSL	180°, 3%, 73%
HSV	180°, 2%, 74%
XYZ	46.9214, 49.8872, 54.8281
YIQ	186.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

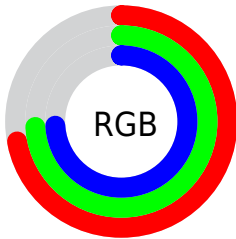
Format	Color
RYB	184, 186, 188
Decimal	12106940
CIELab	76.00, -1.38, -0.49
CIELCh	76, 1.470, 199.647
Yxy	49.8872, 0.3094, 0.3290
Android (android.graphics.Color)	4290297020 (0xFFB8BCBC)
YUV	186.8040, 0.5896, -2.4591
Hunter-Lab	70.6309, -5.0231, 3.4171

Details

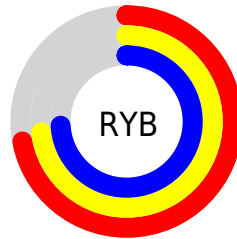
The CIELCh color `76, 1.470, 199.647` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 1.492, 19.115`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 1.401, 199.771`, and `56, 1.560, 199.511` is the 20% darker color. If you saturate the color by 10%, you get `75, 8.190, 198.752`, and if you desaturate by 10%, it is `78, 5.553, 19.694`.

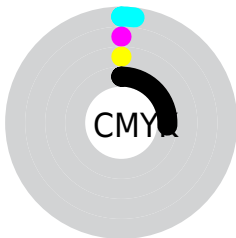
Distribution



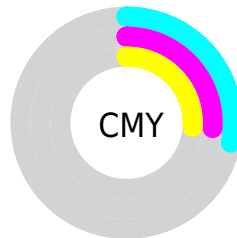
- Red (72%)
- Green (74%)
- Blue (74%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 1.470, 199.647 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, 1.470, 199.647 by changing the saturation by 10% instead.

■ 76, 1.470, 199.647

■ 76, 1.470, 199.647

■ 100, 1.470,
199.647

■ 66, 1.470, 199.647

■ 96, 1.470, 199.647

■ 56, 1.470, 199.647

■ 46, 1.470, 199.647

■ 36, 1.470, 199.647

■ 26, 1.470, 199.647

■ 16, 1.470, 199.647

■ 6, 1.470, 199.647

■ 0, 1.470, 199.647

■ 76, 1.470, 199.647

■ 76, 1.470, 199.647

75, 8.190, 198.752

78, 5.553, 19.694

73, 14.503,
198.229

79, 12.791, 20.338

72, 20.301,
197.771

81, 20.170, 20.961

72, 25.474,
197.371

82, 25.863, 21.435

71, 29.920,
197.033

82, 25.862, 21.418

82, 25.861, 21.401

70, 33.561,
196.758

82, 25.860, 21.384

70, 36.349,
196.548

82, 25.859, 21.367

82, 25.859, 21.350

69, 38.282,
196.400

69, 39.412,
196.310

Harmonies

Complementary

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



76, 1.470, 199.647



75, 1.492, 19.115

Rectangle

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



76, 1.470, 199.647



76, 1.470, 249.647



76, 1.470, 19.647



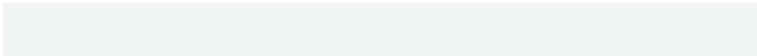
76, 1.470, 69.647

Sweetspot

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



76, 1.471, 199.581



96, 0.857, 200.033



76, 2.609, 143.978



51, 0.487, 200.077



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, 1.471, 199.581



96, 2.564, 199.422



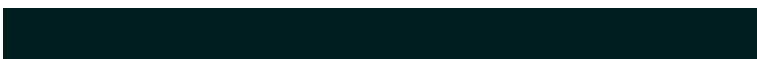
75, 1.287, 254.126



40, 1.566, 199.338



59, 35.079, 196.268



9, 11.667, 196.650

Inverse Universe

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



75, 1.492, 19.115



94, 2.614, 19.277



76, 1.281, 73.059



39, 1.603, 19.365



32, 72.772, 39.633



3, 12.252, 19.360

Previews

White Background



This preview shows how the CIELCh color 76, 1.470, 199.647 looks on a white background.

Color Contrast Check

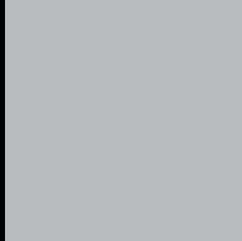
Large Text (above 18pt) WCAG AA × Fail

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, 1.470, 199.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

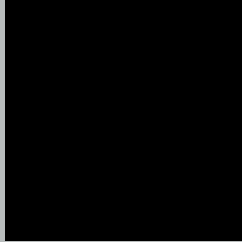
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

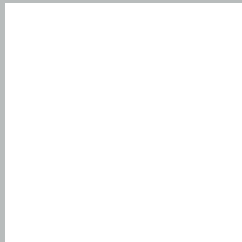
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 1.470, 199.647

Background



This preview shows how black text looks on a background with the CIELCh color 76, 1.470, 199.647.

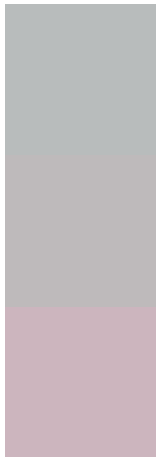


This preview shows how white text looks on a background with the CIELCh color 76, 1.470, 199.647.

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

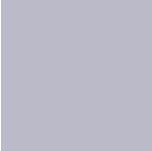
76, 1.470, 199.647

Protanopia

76, 1.588, 359.410

Deuteranopia

76, 9.882, 350.946



Tritanopia
76, 8.086, 290.938

Trichromacy



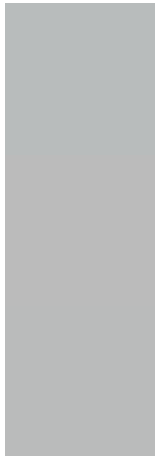
Original Color
76, 1.470, 199.647

Protanomaly
76, 0.371, 18.022

Deuteranomaly
76, 5.558, 350.884

Tritanomaly
76, 4.893, 282.141

Monochromacy



Original Color
76, 1.470, 199.647

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 0.368, 200.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 1.470, 199.647 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(184, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 1.470, 199.647 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(184, 188, 188) }
```

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

```
.border{ border-color:rgb(184, 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(184, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 1.470, 199.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 188) }
```

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

```
.background{ background-color: rgb(184,  
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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