

Converting Colors

CIELCh(76, 4.606, 174.428)

Have a look what the booklet for
CIELCh(76, 4.606, 174.428) contains.

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Color

CIELCh(76, 4.602, 171.284)

Conversions

Conversions Part 1

Format	Color
Hex	B3BEBA
RGB	179, 190, 186
RGB Percent	70%, 75%, 73%
CMY	0.2985, 0.2553, 0.2710
CMYK	0.06, 0.00, 0.02, 0.26
HSL	158°, 8%, 72%
HSV	158°, 6%, 74%
XYZ	45.8032, 49.8872, 53.6054
YIQ	186.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

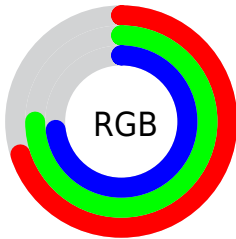
Format	Color
RYB	179, 186, 190
Decimal	11779770
CIELab	76.00, -4.55, 0.70
CIELCh	76, 4.602, 171.284
Yxy	49.8872, 0.3068, 0.3342
Android (android.graphics.Color)	4289969850 (0xFFB3BEBA)
YUV	186.2550, -0.1257, -6.3626
Hunter-Lab	70.6309, -7.8491, 4.4434

Details

The CIELCh color $76, 4.602, 171.284$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 4.671, 352.123$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 4.385, 171.423$, and $56, 4.886, 171.074$ is the 20% darker color. If you saturate the color by 10%, you get $75, 12.497, 170.269$, and if you desaturate by 10%, it is $78, 3.356, 351.921$.

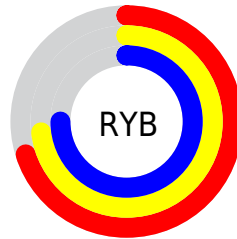
Distribution



Red (70%)

Green (75%)

Blue (73%)



Red (70%)

Yellow (73%)

Blue (75%)

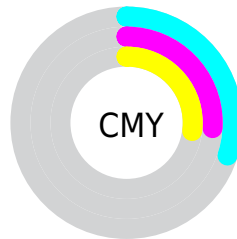


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.602, 171.284 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, 4.602, 171.284 by changing the saturation by 10% instead.

■ 76, 4.602, 171.284

■ 76, 4.602, 171.284

■ 100, 4.602,
171.284

■ 66, 4.602, 171.284

■ 96, 4.602, 171.284

■ 56, 4.602, 171.284

■ 46, 4.602, 171.284

■ 36, 4.602, 171.284

■ 26, 4.602, 171.284

■ 16, 4.602, 171.284

■ 6, 4.602, 171.284

■ 0, 4.602, 171.284

■ 76, 4.602, 171.284

■ 76, 4.602, 171.284

75, 12.497,
170.269

78, 3.356, 351.921

73, 20.223,
169.228

79, 11.302,
352.829

72, 27.663,
168.094

81, 19.170,
353.612

71, 34.688,
166.842

83, 26.914,
354.343

70, 41.168,
165.447

84, 28.564,
347.770

69, 46.985,
163.883

84, 30.529,
341.953

69, 52.053,
162.128

84, 32.791,
336.933

68, 56.342,
160.168

84, 35.291,
332.638

68, 59.895,

84, 37.978,
328.976

Harmonies

Complementary

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



76, 4.602, 171.284



74, 4.671, 352.123

Rectangle

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



76, 4.602, 171.284



76, 4.602, 221.284



76, 4.602, 351.284



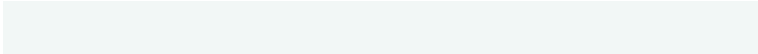
76, 4.602, 41.284

Sweetspot

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



76, 4.604, 171.273



97, 1.967, 171.785



76, 6.474, 133.372



52, 1.128, 171.809



99, 0.012, 296.813



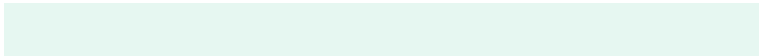
52, 0.007, 296.813

Same Dimension

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



76, 4.604, 171.273



96, 6.893, 171.135



76, 3.546, 212.179



39, 3.583, 171.097



57, 53.191, 157.444



9, 15.002, 163.857

Inverse Universe

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



74, 4.671, 352.123



93, 7.011, 352.264



74, 3.676, 31.970



38, 3.647, 352.303



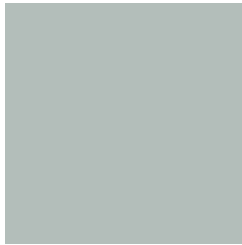
33, 59.712, 14.443



3, 13.110, 359.317

Previews

White Background



This preview shows how the CIELCh color 76, 4.602, 171.284 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, 4.602, 171.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

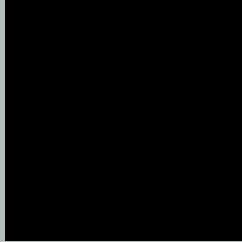
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

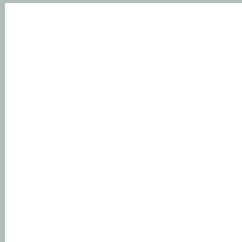
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.602, 171.284

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.602, 171.284.



This preview shows how white text looks on a background with the CIELCh color 76, 4.602, 171.284.

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





Tritanopia
76, 8.241, 278.481

Trichromacy



Original Color
76, 4.602, 171.284

Protanomaly
76, 1.066, 110.020

Deuteranomaly
76, 4.776, 359.984

Tritanomaly
76, 4.952, 260.002

Monochromacy



Original Color
76, 4.602, 171.284

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.574, 179.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.602, 171.284 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(179, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 190, 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(179, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 190, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.602, 171.284 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(179, 190, 186) }
```

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

```
.border{ border-color:rgb(179, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(179, 190,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.602, 171.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 190, 186) }
```

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

```
.background{ background-color: rgb(179,  
190, 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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