

Converting Colors

CIELCh(76, 2.303, 185.879)

Have a look what the booklet for
CIELCh(76, 2.303, 185.879) contains.

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Color

CIELCh(76, 2.274, 185.775)

Conversions

Conversions Part 1

Format	Color
Hex	B7BDBC
RGB	183, 189, 188
RGB Percent	72%, 74%, 74%
CMY	0.2837, 0.2602, 0.2641
CMYK	0.03, 0.00, 0.01, 0.26
HSL	170°, 4%, 73%
HSV	170°, 3%, 74%
XYZ	46.6094, 49.8872, 54.5541
YIQ	187.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

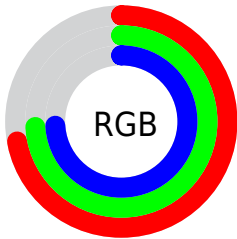
Format	Color
RYB	183, 186, 189
Decimal	12041660
CIELab	76.00, -2.26, -0.23
CIELCh	76, 2.274, 185.775
Yxy	49.8872, 0.3086, 0.3303
Android (android.graphics.Color)	4290231740 (0xFFB7BDBC)
YUV	187.0920, 0.4476, -3.5887
Hunter-Lab	70.6309, -5.8118, 3.6470

Details

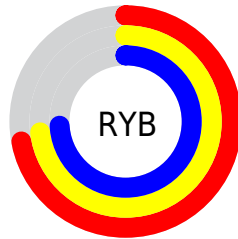
The CIELCh color $76, 2.274, 185.775$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 2.312, 5.854$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 2.166, 185.894$, and $56, 2.413, 185.623$ is the 20% darker color. If you saturate the color by 10%, you get $75, 9.303, 184.713$, and if you desaturate by 10%, it is $78, 4.937, 6.255$.

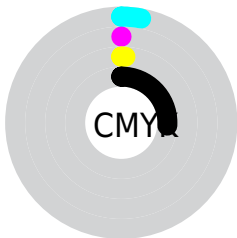
Distribution



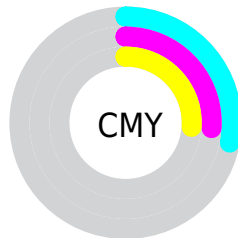
- Red (72%)
- Green (74%)
- Blue (74%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 2.274, 185.775 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, 2.274, 185.775 by changing the saturation by 10% instead.

■ 76, 2.274, 185.775

■ 76, 2.274, 185.775

■ 100, 2.274,
185.775

■ 66, 2.274, 185.775

■ 96, 2.274, 185.775

■ 56, 2.274, 185.775

■ 46, 2.274, 185.775

■ 36, 2.274, 185.775

■ 26, 2.274, 185.775

■ 16, 2.274, 185.775

■ 6, 2.274, 185.775

■ 0, 2.274, 185.775

■ 76, 2.274, 185.775

■ 76, 2.274, 185.775

75, 9.303, 184.713

78, 4.937, 6.255

73, 16.045,
183.791

79, 12.251, 7.123

72, 22.392,
182.840

81, 19.598, 7.923

71, 28.222,
181.837

83, 25.755, 7.968

70, 33.422,
180.766

83, 26.435, 0.910

70, 37.890,
179.607

83, 26.929,
357.550

69, 41.557,
178.339

83, 27.519,
354.329

69, 44.400,
176.940

83, 28.199,
351.261

69, 46.460,
175.392

Harmonies

Complementary

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



76, 2.274, 185.775



75, 2.312, 5.854

Rectangle

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



76, 2.274, 185.775



76, 2.274, 235.775



76, 2.274, 5.775



76, 2.274, 55.775

Sweetspot

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



76, 2.276, 185.741



96, 0.883, 186.390



76, 3.717, 139.221



51, 0.502, 186.431



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, 2.276, 185.741



96, 3.532, 185.619



76, 1.809, 234.127



40, 2.024, 185.544



58, 41.622, 174.529



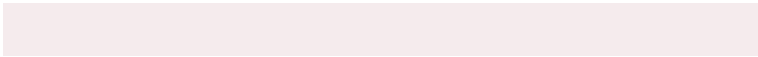
9, 12.826, 179.342

Inverse Universe

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



75, 2.312, 5.854



94, 3.600, 5.979



75, 1.830, 53.138



39, 2.068, 6.056



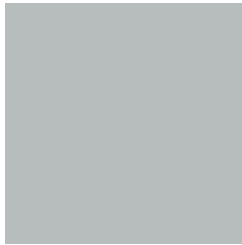
33, 66.014, 31.135



3, 12.451, 9.873

Previews

White Background



This preview shows how the CIELCh color 76, 2.274, 185.775 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, 2.274, 185.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

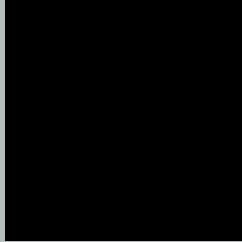
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

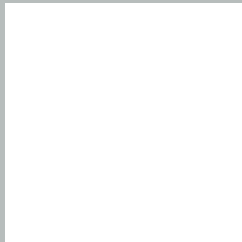
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 2.274, 185.775

Background



This preview shows how black text looks on a background with the CIELCh color 76, 2.274, 185.775.



This preview shows how white text looks on a background with the CIELCh color 76, 2.274, 185.775.

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

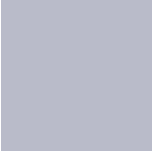
76, 2.274, 185.775

Protanopia

76, 1.862, 19.275

Deuteranopia

76, 9.641, 353.749



Tritanopia
76, 7.563, 285.460

Trichromacy



Original Color

76, 2.274, 185.775

Protanomaly

76, 0.371, 18.022

Deuteranomaly

76, 5.234, 348.855

Tritanomaly

76, 4.521, 271.951

Monochromacy



Original Color

76, 2.274, 185.775

Achromatopsia

76, 0.009, 296.813

Achromatomaly

76, 1.232, 173.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 2.274, 185.775 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, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(183, 189, 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, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 189, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 2.274, 185.775 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, 189, 188) }
```

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

```
.border{ border-color:rgb(183, 189, 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, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(183, 189,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 2.274, 185.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 189, 188) }
```

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

```
.background{ background-color: rgb(183,  
189, 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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