

Converting Colors

CIELCh(76, 4.015, 157.268)

Have a look what the booklet for
CIELCh(76, 4.015, 157.268) contains.

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Color

CIELCh(76, 4.019, 157.266)

Conversions

Conversions Part 1

Format	Color
Hex	B5BDB8
RGB	181, 189, 184
RGB Percent	71%, 74%, 72%
CMY	0.2888, 0.2574, 0.2771
CMYK	0.04, 0.00, 0.03, 0.26
HSL	142°, 6%, 73%
HSV	142°, 4%, 74%
XYZ	46.0990, 49.8872, 52.7387
YIQ	186.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

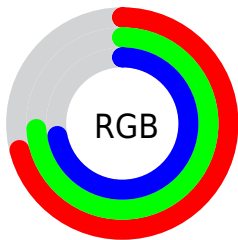
Format	Color
R_{YB}	181, 187, 189
Decimal	11910584
CIE Lab	76.00, -3.71, 1.55
CIE LCh	76, 4.019, 157.266
Yxy	49.8872, 0.3100, 0.3354
Android (android.graphics.Color)	4290100664 (0xFFB5BDB8)
YUV	186.0380, -1.0047, -4.4183
Hunter-Lab	70.6309, -7.1015, 5.1710

Details

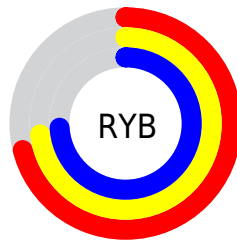
The CIELCh color $76, 4.019, 157.266$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 4.045, 337.697$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 3.824, 157.358$, and $56, 4.275, 157.132$ is the 20% darker color. If you saturate the color by 10%, you get $74, 13.596, 156.414$, and if you desaturate by 10%, it is $78, 5.470, 337.808$.

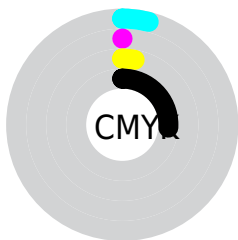
Distribution



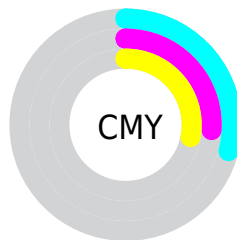
- Red (71%)
- Green (74%)
- Blue (72%)



- Red (71%)
- Yellow (73%)
- Blue (74%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (29%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.019, 157.266 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, 4.019, 157.266 by changing the saturation by 10% instead.

■ 76, 4.019, 157.266

■ 76, 4.019, 157.266

■ 100, 4.019,
157.266

■ 66, 4.019, 157.266

■ 96, 4.019, 157.266

■ 56, 4.019, 157.266

■ 46, 4.019, 157.266

■ 36, 4.019, 157.266

■ 26, 4.019, 157.266

■ 16, 4.019, 157.266

■ 6, 4.019, 157.266

■ 0, 4.019, 157.266

■ 76, 4.019, 157.266

■ 76, 4.019, 157.266

74, 13.596,
156.414

78, 5.470, 337.808

73, 23.153,
155.514

80, 14.802,
338.473

72, 32.565,
154.497

82, 23.920,
339.047

70, 41.677,
153.335

84, 32.254,
338.576

70, 50.324,
152.007

84, 36.532,
331.270

69, 58.337,
150.492

84, 41.159,
325.852

68, 65.566,
148.780

68, 71.907,
146.875

67, 77.318,

144.814

Harmonies

Complementary

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



76, 4.019, 157.266



75, 4.045, 337.697

Rectangle

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



76, 4.019, 157.266



76, 4.019, 207.266



76, 4.019, 337.266



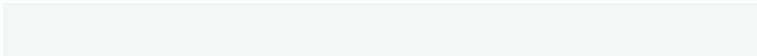
76, 4.019, 27.266

Sweetspot

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



76, 4.021, 157.260



97, 1.173, 157.769



76, 4.437, 124.085



52, 0.672, 157.792



99, 0.012, 296.813



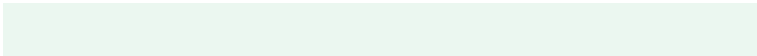
52, 0.007, 296.813

Same Dimension

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



76, 4.021, 157.260



96, 5.912, 157.182



76, 2.996, 188.288



39, 3.228, 157.135



57, 69.606, 143.961



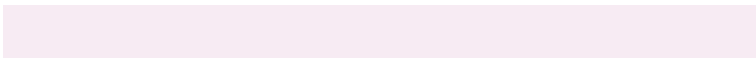
9, 17.961, 152.713

Inverse Universe

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



75, 4.045, 337.697



94, 5.947, 337.773



74, 3.059, 8.651



38, 3.248, 337.819



34, 62.006, 350.399



3, 15.142, 344.181

Previews

White Background



This preview shows how the CIELCh color 76, 4.019, 157.266 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, 4.019, 157.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

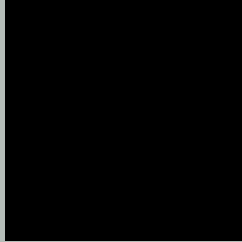
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

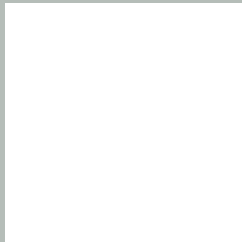
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.019, 157.266

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.019, 157.266.



This preview shows how white text looks on a background with the CIELCh color 76, 4.019, 157.266.

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, 4.019, 157.266

Protanopia

76, 2.751, 55.158

Deuteranopia

76, 9.810, 4.356



Tritanopia
76, 8.131, 283.381

Trichromacy



Original Color
76, 4.019, 157.266

Protanomaly
76, 2.169, 100.039

Deuteranomaly
76, 4.911, 13.437

Tritanomaly
76, 4.642, 267.720

Monochromacy



Original Color
76, 4.019, 157.266

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.550, 155.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.019, 157.266 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(181, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 184)  
}
```

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(181, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.019, 157.266 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(181, 189, 184) }
```

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

```
.border{ border-color:rgb(181, 189, 184) }
```

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

Here you see how a box with a 4 pixel rgb(181, 189, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.019, 157.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 184) }
```

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

```
.background{ background-color: rgb(181,  
189, 184) }
```

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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