

Converting Colors

CIELCh(76, 3.626, 341.281)

Have a look what the booklet for
CIELCh(76, 3.626, 341.281) contains.

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Color

CIELCh(76, 4.027, 337.697)

Conversions

Conversions Part 1

Format	Color
Hex	C1B9BE
RGB	193, 185, 190
RGB Percent	76%, 73%, 75%
CMY	0.2422, 0.2736, 0.2540
CMYK	0.00, 0.04, 0.02, 0.24
HSL	323°, 6%, 74%
HSV	323°, 4%, 76%
XYZ	48.7654, 49.8872, 55.9039
YIQ	187.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

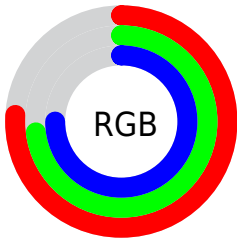
Format	Color
RYB	193, 185, 190
Decimal	12695998
CIELab	76.00, 3.73, -1.53
CIELCh	76, 4.027, 337.697
Yxy	49.8872, 0.3155, 0.3228
Android (android.graphics.Color)	4290886078 (0xFFC1B9BE)
YUV	187.9620, 1.0047, 4.4183
Hunter-Lab	70.6309, -0.3631, 2.5139

Details

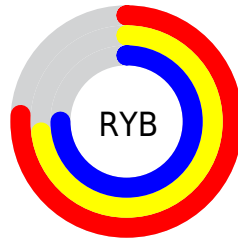
The CIELCh color $76, 4.027, 337.697$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.001, 157.282$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 3.837, 337.609$, and $56, 4.277, 337.823$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.866, 338.521$, and if you desaturate by 10%, it is $81, 5.611, 157.154$.

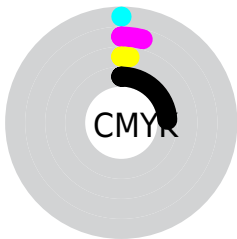
Distribution



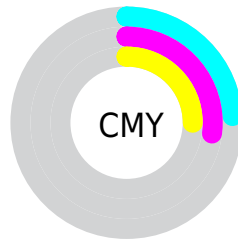
- Red (76%)
- Green (73%)
- Blue (75%)



- Red (76%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.027, 337.697 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, 4.027, 337.697 by changing the saturation by 10% instead.

■ 76, 4.027, 337.697

■ 76, 4.027, 337.697

■ 100, 4.027,
337.697

■ 66, 4.027, 337.697

■ 96, 4.027, 337.697

■ 56, 4.027, 337.697

■ 46, 4.027, 337.697

■ 36, 4.027, 337.697

■ 26, 4.027, 337.697

■ 16, 4.027, 337.697

■ 6, 4.027, 337.697

■ 0, 4.027, 337.697

■ 76, 4.027, 337.697

■ 76, 4.027, 337.697

71, 13.866,
338.521

81, 5.611, 157.154

66, 23.805,
339.348

87, 14.984,
156.461

61, 33.668,
340.246

92, 24.067,
155.842

57, 43.194,
341.237

95, 28.448,
157.543

53, 52.018,
342.354

95, 25.989,
163.514

49, 59.685,
343.644

96, 23.829,
170.603

46, 65.700,
345.176

96, 22.061,
178.925

44, 69.651,
347.044

96, 20.792,
188.443

43, 71.377,

96, 20.144,
198.178

Harmonies

Complementary

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



76, 4.027, 337.697



77, 4.001, 157.282

Rectangle

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



76, 4.027, 337.697



76, 4.027, 27.697



76, 4.027, 157.697



76, 4.027, 207.697

Sweetspot

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



76, 4.025, 337.704



98, 1.210, 337.210



76, 4.463, 304.477



53, 0.694, 337.188



0, 0.000, 0.000



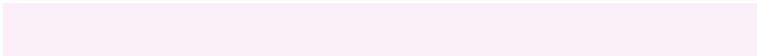
53, 0.007, 296.813

Same Dimension

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



76, 4.025, 337.704



96, 6.045, 337.789



76, 3.044, 8.641



39, 3.319, 337.835



35, 62.715, 350.465



3, 17.179, 344.751

Inverse Universe

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



76, 4.025, 337.704



96, 6.045, 337.789



78, 2.982, 188.298



39, 3.319, 337.835



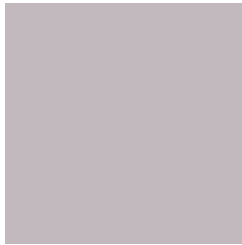
35, 62.715, 350.465



3, 17.179, 344.751

Previews

White Background



This preview shows how the CIELCh color 76, 4.027, 337.697 looks on a white background.

Color Contrast Check

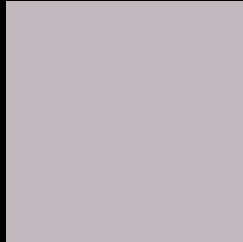
Large Text (above 18pt) WCAG AA × Fail

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, 4.027, 337.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

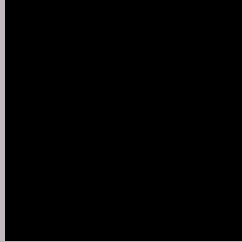
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

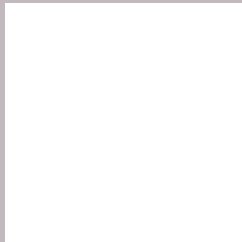
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.027, 337.697

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.027, 337.697.



This preview shows how white text looks on a background with the CIELCh color 76, 4.027, 337.697.

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, 4.027, 337.697

Protanopia

76, 3.092, 318.861

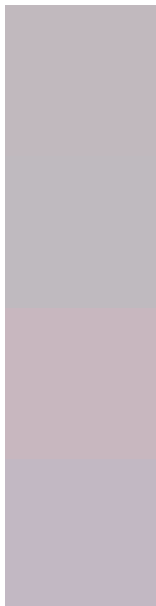
Deuteranopia

76, 9.546, 349.790



Tritanopia
76, 8.423, 316.456

Trichromacy



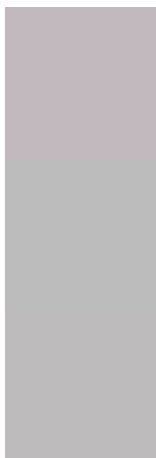
Original Color
76, 4.027, 337.697

Protanomaly
76, 3.287, 324.508

Deuteranomaly
76, 7.672, 345.936

Tritanomaly
76, 7.009, 322.210

Monochromacy



Original Color
76, 4.027, 337.697

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.561, 335.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.027, 337.697 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(193, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 185, 190)  
}
```

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(193, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 185, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.027, 337.697 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(193, 185, 190) }
```

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

```
.border{ border-color:rgb(193, 185, 190) }
```

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

Here you see how a box with a 4 pixel rgb(193, 185, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(193, 185,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.027, 337.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 185, 190) }
```

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

```
.background{ background-color: rgb(193,  
185, 190) }
```

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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