

Converting Colors

CIELCh(76, 8.702, 292.893)

Have a look what the booklet for
CIELCh(76, 8.702, 292.893) contains.

CIELCh(76, 8.637, 293.359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 8.637, 293.359)

Conversions

Conversions Part 1

Format	Color
Hex	BBBACA
RGB	187, 186, 202
RGB Percent	73%, 73%, 79%
CMY	0.2671, 0.2710, 0.2082
CMYK	0.07, 0.08, 0.00, 0.21
HSL	244°, 13%, 76%
HSV	244°, 8%, 79%
XYZ	48.6554, 49.8872, 62.8785
YIQ	188.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

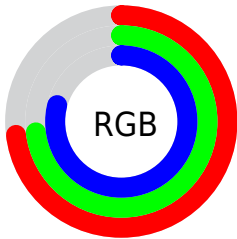
Format	Color
RYB	187, 186, 202
Decimal	12303050
CIELab	76.00, 3.42, -7.93
CIELCh	76, 8.637, 293.359
Yxy	49.8872, 0.3014, 0.3091
Android (android.graphics.Color)	4290493130 (0xFFBBBACA)
YUV	188.1230, 6.8414, -0.9849
Hunter-Lab	70.6309, -0.6411, -3.3408

Details

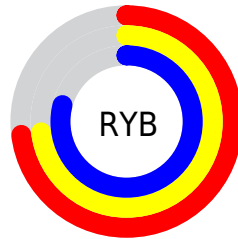
The CIELCh color `76, 8.637, 293.359` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 8.473, 111.946`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 6.688, 293.655`, and `56, 8.610, 293.709` is the 20% darker color. If you saturate the color by 10%, you get `69, 19.923, 294.396`, and if you desaturate by 10%, it is `83, 2.208, 112.438`.

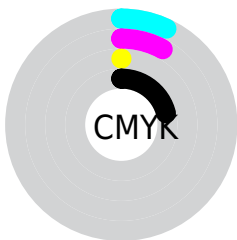
Distribution



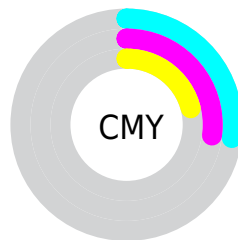
- Red (73%)
- Green (73%)
- Blue (79%)



- Red (73%)
- Yellow (73%)
- Blue (79%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.637, 293.359 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, 8.637, 293.359 by changing the saturation by 10% instead.

■ 76, 8.637, 293.359

■ 76, 8.637, 293.359

■ 100, 8.637,
293.359

■ 66, 8.637, 293.359

■ 96, 8.637, 293.359

■ 56, 8.637, 293.359

■ 46, 8.637, 293.359

■ 36, 8.637, 293.359

■ 26, 8.637, 293.359

■ 16, 8.637, 293.359

■ 6, 8.637, 293.359

■ 0, 8.637, 293.359

■ 76, 8.637, 293.359

■ 76, 8.637, 293.359

69, 19.923,
294.396

83, 2.208, 112.438

63, 31.684,
295.618

89, 12.640,
111.693

56, 43.939,
297.038

96, 22.689,
111.045

49, 56.667,
298.660

99, 26.786,
108.144

43, 69.744,
300.458

37, 82.801,
302.340

32, 95.002,
304.122

28, 104.866,
305.519

25, 110.907,

Harmonies

Complementary

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



76, 8.637, 293.359



81, 8.473, 111.946

Rectangle

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



76, 8.637, 293.359



76, 8.637, 343.359



76, 8.637, 113.359



76, 8.637, 163.359

Sweetspot

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



76, 8.635, 293.353



98, 2.613, 292.824



80, 5.448, 203.594



52, 1.486, 292.816



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, 8.635, 293.353



92, 13.230, 293.569



77, 9.219, 311.118



39, 6.253, 293.496



19, 96.598, 306.497



1, 23.572, 294.057

Inverse Universe

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



77, 9.997, 326.577



94, 15.272, 326.708



80, 9.120, 130.475



40, 7.225, 326.665



39, 79.749, 330.855



5, 27.622, 329.602

Previews

White Background



This preview shows how the CIELCh color 76, 8.637, 293.359 looks on a white background.

Color Contrast Check

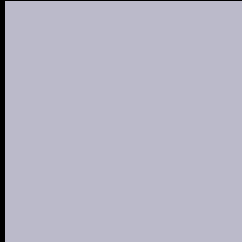
Large Text (above 18pt) WCAG AA × Fail

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, 8.637, 293.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

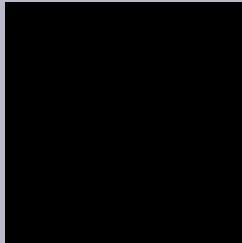
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 8.637, 293.359

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.637, 293.359.

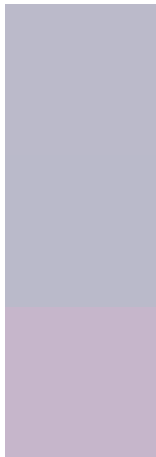


This preview shows how white text looks on a background with the CIELCh color 76, 8.637, 293.359.

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, 8.637, 293.359

Protanopia

76, 8.625, 290.987

Deuteranopia

76, 12.777, 318.087



Tritanopia
76, 8.099, 293.474

Trichromacy



Original Color
76, 8.637, 293.359

Protanomaly
76, 8.625, 290.987

Deuteranomaly
76, 11.545, 311.207

Tritanomaly
76, 8.099, 293.474

Monochromacy



Original Color
76, 8.637, 293.359

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.262, 296.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.637, 293.359 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(187, 186, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 186, 202)  
}
```

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(187, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 186, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.637, 293.359 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(187, 186, 202) }
```

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

```
.border{ border-color:rgb(187, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(187, 186,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.637, 293.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 186, 202) }
```

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

```
.background{ background-color: rgb(187,  
186, 202) }
```

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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