

Converting Colors

CIELCh(76, 3.118, 329.918)

Have a look what the booklet for
CIELCh(76, 3.118, 329.918) contains.

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Color

CIELCh(76, 2.859, 330.584)

Conversions

Conversions Part 1

Format	Color
Hex	BFBABE
RGB	191, 186, 190
RGB Percent	75%, 73%, 75%
CMY	0.2511, 0.2707, 0.2551
CMYK	0.00, 0.03, 0.01, 0.25
HSL	312°, 4%, 74%
HSV	312°, 3%, 75%
XYZ	48.3153, 49.8872, 55.7741
YIQ	187.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

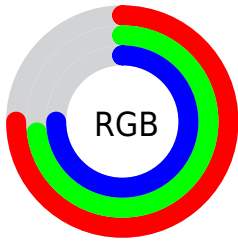
Format	Color
RYB	191, 186, 190
Decimal	12565182
CIELab	76.00, 2.49, -1.40
CIELCh	76, 2.859, 330.584
Yxy	49.8872, 0.3138, 0.3240
Android (android.graphics.Color)	4290755262 (0xFFBFBABE)
YUV	187.9510, 1.0102, 2.6740
Hunter-Lab	70.6309, -1.5006, 2.6229

Details

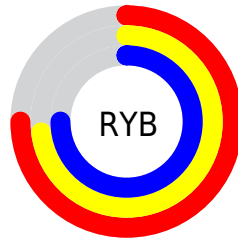
The CIELCh color $76, 2.859, 330.584$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 2.840, 150.476$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 2.725, 330.522$, and $56, 3.036, 330.667$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.855, 331.293$, and if you desaturate by 10%, it is $81, 7.946, 150.134$.

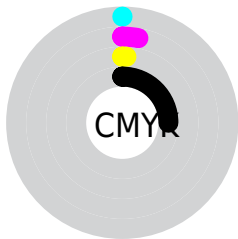
Distribution



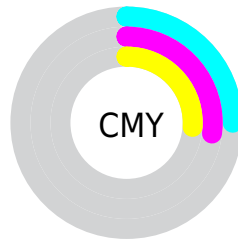
- Red (75%)
- Green (73%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 2.859, 330.584 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, 2.859, 330.584 by changing the saturation by 10% instead.

■ 76, 2.859, 330.584

■ 76, 2.859, 330.584

■ 100, 2.859,
330.584

■ 66, 2.859, 330.584

■ 96, 2.859, 330.584

■ 56, 2.859, 330.584

■ 46, 2.859, 330.584

■ 36, 2.859, 330.584

■ 26, 2.859, 330.584

■ 16, 2.859, 330.584

■ 6, 2.859, 330.584

■ 0, 2.859, 330.584

■ 76, 2.859, 330.584

■ 76, 2.859, 330.584

71, 13.855,
331.293

81, 7.946, 150.134

66, 24.930,
331.949

86, 18.484,
149.543

62, 35.892,
332.622

91, 28.721,
148.997

57, 46.467,
333.315

95, 34.279,
149.466

53, 56.283,
334.032

95, 32.781,
151.640

50, 64.882,
334.780

95, 31.324,
154.009

47, 71.770,
335.573

95, 29.915,
156.593

45, 76.523,
336.436

95, 28.563,
159.416

44, 78.934,

95, 27.275,
162.501

337.407

Harmonies

Complementary

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



76, 2.859, 330.584



77, 2.840, 150.476

Rectangle

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



76, 2.859, 330.584



76, 2.859, 20.584



76, 2.859, 150.584



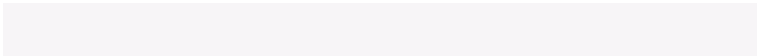
76, 2.859, 200.584

Sweetspot

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



76, 2.857, 330.588



97, 1.351, 330.327



76, 2.729, 298.165



52, 0.775, 330.310



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, 2.857, 330.588



95, 4.042, 330.629



76, 2.034, 355.971



39, 2.452, 330.688



36, 69.348, 338.020



3, 17.623, 334.214

Inverse Universe

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



76, 2.857, 330.588



95, 4.042, 330.629



77, 2.011, 175.954



39, 2.452, 330.688



36, 69.348, 338.020



3, 17.623, 334.214

Previews

White Background



This preview shows how the CIELCh color 76, 2.859, 330.584 looks on a white background.

Color Contrast Check

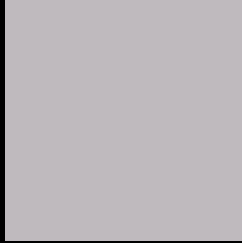
Large Text (above 18pt) WCAG AA × Fail

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, 2.859, 330.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

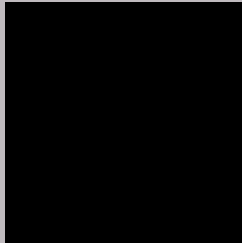
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

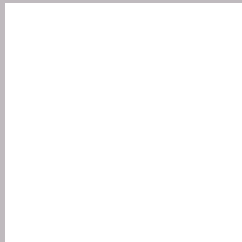
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 2.859, 330.584

Background



This preview shows how black text looks on a background with the CIELCh color 76, 2.859, 330.584.

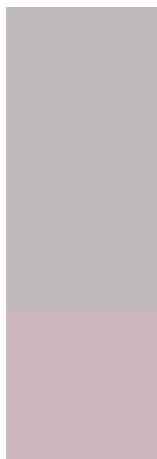


This preview shows how white text looks on a background with the CIELCh color 76, 2.859, 330.584.

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, 2.859, 330.584

Protanopia

76, 2.632, 324.462

Deuteranopia

76, 10.146, 348.284



Tritanopia
76, 7.996, 309.363

Trichromacy



Original Color

76, 2.859, 330.584

Protanomaly

76, 2.632, 324.462

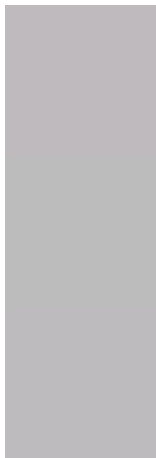
Deuteranomaly

76, 7.366, 344.261

Tritanomaly

76, 6.489, 313.890

Monochromacy



Original Color

76, 2.859, 330.584

Achromatopsia

76, 0.009, 296.813

Achromatomaly

76, 1.320, 324.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 2.859, 330.584 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(191, 186, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 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(191, 186, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 2.859, 330.584 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(191, 186, 190) }
```

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

```
.border{ border-color:rgb(191, 186, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 186, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 186, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 186, 190);  
box-shadow:4px 4px 4px 4px rgb(191, 186,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 2.859, 330.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 190) }
```

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

```
.background{ background-color: rgb(191,  
186, 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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