

Converting Colors

CIELCh(76, 25.310, 299.937)

Have a look what the booklet for
CIELCh(76, 25.310, 299.937)
contains.

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Color

CIELCh(76, 25.663, 300.050)

Conversions

Conversions Part 1

Format	Color
Hex	BFB5E4
RGB	191, 181, 228
RGB Percent	75%, 71%, 89%
CMY	0.2499, 0.2891, 0.1048
CMYK	0.16, 0.21, 0.00, 0.10
HSL	253°, 47%, 80%
HSV	253°, 21%, 90%
XYZ	52.1771, 49.8872, 80.4845
YIQ	189.3480, -9.1270, 16.7370

Conversions

Conversions Part 2

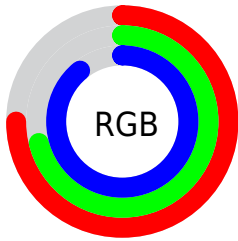
Format	Color
RYB	191, 181, 228
Decimal	12563940
CIELab	76.00, 12.85, -22.21
CIELCh	76, 25.663, 300.050
Yxy	49.8872, 0.2858, 0.2733
Android (android.graphics.Color)	4290754020 (0xFFBFB5E4)
YUV	189.3480, 19.0554, 1.4488
Hunter-Lab	70.6309, 8.2591, -18.1198

Details

The CIELCh color `76, 25.663, 300.050` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `89, 24.558, 117.104`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 10.060, 313.130`, and `56, 25.525, 300.172` is the 20% darker color. If you saturate the color by 10%, you get `69, 38.853, 300.985`, and if you desaturate by 10%, it is `83, 12.953, 299.231`.

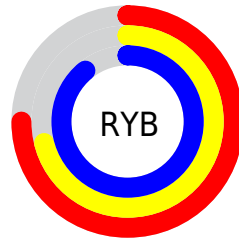
Distribution



Red (75%)

Green (71%)

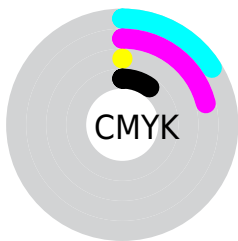
Blue (89%)



Red (75%)

Yellow (71%)

Blue (89%)

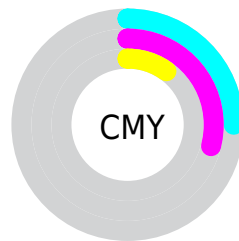


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (10%)



Cyan (25%)


Magenta (29%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 25.663, 300.050 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, 25.663, 300.050 by changing the saturation by 10% instead.


 76, 25.663,
300.050


 76, 25.663,
300.050


 100, 25.663,
300.050


 66, 25.663,
300.050


 96, 25.663,
300.050

 56, 25.663,
300.050

 46, 25.663,
300.050

 36, 25.663,
300.050

 26, 25.663,
300.050

 16, 25.663,
300.050

 6, 25.663, 300.050

■ 0, 25.663, 300.050

■ 76, 25.663,
300.050

■ 76, 25.663,
300.050

■ 69, 38.853,
300.985

■ 83, 12.953,
299.231

■ 62, 52.506,
302.040

■ 90, 0.721, 298.499

■ 55, 66.522,
303.201

■ 97, 11.058,
117.915

■ 48, 80.648,
304.423

■ 99, 13.519,
109.156

■ 42, 94.339,
305.611

■ 37, 106.579,
306.604

■ 33,115.879,
307.179

■ 30,121.193,
307.275

Harmonies

Complementary

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



76, 25.663, 300.050



89, 24.558, 117.104

Rectangle

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



76, 25.663, 300.050



76, 25.663, 350.050



76, 25.663, 120.050



76, 25.663, 170.050

Sweetspot

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



76, 25.661, 300.049



95, 7.962, 298.894



85, 13.462, 220.287



50, 5.287, 298.941



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, 25.661, 300.049



80, 34.376, 300.461



78, 27.799, 316.608



44, 6.961, 299.145



22, 100.661, 307.387



3, 34.152, 301.834

Inverse Universe

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



79, 26.003, 332.294



84, 34.551, 332.605



87, 27.370, 134.794



45, 7.164, 331.546



40, 75.041, 338.912



8, 32.254, 336.936

Previews

White Background



This preview shows how the CIELCh color 76, 25.663, 300.050 looks on a white background.

Color Contrast Check

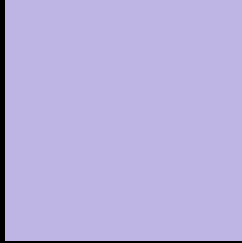
Large Text (above 18pt) WCAG AA × Fail

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, 25.663, 300.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

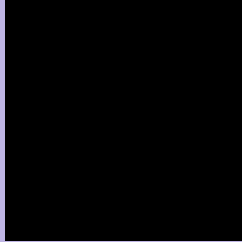
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 25.663, 300.050

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.663, 300.050.



This preview shows how white text looks on a background with the CIELCh color 76, 25.663, 300.050.

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, 25.663, 300.050

Protanopia

76, 24.860, 286.379

Deuteranopia

76, 24.302, 293.986



Tritanopia
76, 8.099, 293.474

Trichromacy



Original Color
76, 25.663, 300.050

Protanomaly
76, 24.794, 290.918

Deuteranomaly
76, 24.923, 296.317

Tritanomaly
76, 14.701, 298.383

Monochromacy



Original Color
76, 25.663, 300.050

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.231, 297.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.663, 300.050 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, 181, 228)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 228)  
}
```

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, 181, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.663, 300.050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

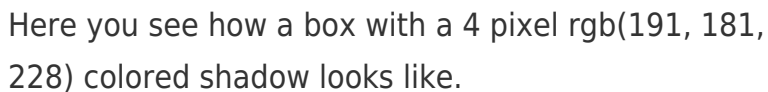
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 181, 228) }
```

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

```
.border{ border-color:rgb(191, 181, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 181, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 228);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.663, 300.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 228) }
```

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

```
.background{ background-color: rgb(191,  
181, 228) }
```

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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