

Converting Colors

CIELCh(76, 41.180, 299.952)

Have a look what the booklet for
CIELCh(76, 41.180, 299.952)
contains.

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Color

CIELCh(76, 40.761, 299.587)

Conversions

Conversions Part 1

Format	Color
Hex	BFB2FD
RGB	191, 178, 253
RGB Percent	75%, 70%, 99%
CMY	0.2518, 0.3027, 0.0087
CMYK	0.25, 0.30, 0.00, 0.01
HSL	250°, 94%, 84%
HSV	250°, 30%, 99%
XYZ	55.0082, 49.8872, 99.4772
YIQ	190.4370, -16.3270, 26.0810

Conversions

Conversions Part 2

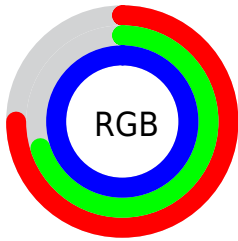
Format	Color
RYB	191, 178, 253
Decimal	12563197
CIELab	76.00, 20.13, -35.45
CIELCh	76, 40.761, 299.587
Yxy	49.8872, 0.2692, 0.2441
Android (android.graphics.Color)	4290753277 (0xFFBFB2FD)
YUV	190.4370, 30.8436, 0.4938
Hunter-Lab	70.6309, 15.4140, -34.0629

Details

The CIELCh color $76, 40.761, 299.587$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $97, 38.062, 114.812$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.914, 314.996$, and $56, 40.932, 299.681$ is the 20% darker color. If you saturate the color by 10%, you get $68, 55.564, 300.741$, and if you desaturate by 10%, it is $84, 26.491, 298.573$.

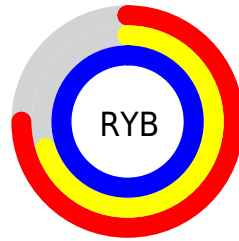
Distribution



Red (75%)

Green (70%)

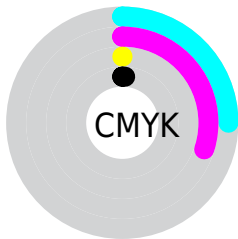
Blue (99%)



Red (75%)

Yellow (70%)

Blue (99%)

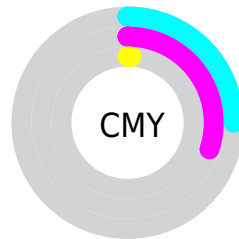


Cyan (25%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (25%)


Magenta (30%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 40.761, 299.587 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, 40.761, 299.587 by changing the saturation by 10% instead.


 76, 40.761,
299.587


 76, 40.761,
299.587


 100, 40.761,
299.587


 66, 40.761,
299.587


 96, 40.761,
299.587

 56, 40.761,
299.587

 46, 40.761,
299.587

 36, 40.761,
299.587

 26, 40.761,
299.587

 16, 40.761,
299.587

 6, 40.761, 299.587

■ 0, 40.761, 299.587

■ 76, 40.761,
299.587

■ 76, 40.761,
299.587

■ 68, 55.564,
300.741

■ 84, 26.491,
298.573

■ 61, 70.821,
302.027

■ 92, 12.769,
297.694

■ 53, 86.284,
303.403

■ 99, 0.425, 116.942

■ 46, 101.385,
304.772

■ 100, 1.113,
110.025

■ 40, 115.008,
305.960

■ 36, 125.438,
306.725

■ 33, 131.404,
306.929

■ 33, 131.570,
306.935

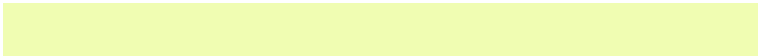
Harmonies

Complementary

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



76, 40.761, 299.587



97, 38.062, 114.812

Rectangle

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



76, 40.761, 299.587



76, 40.761, 349.587



76, 40.761, 119.587



76, 40.761, 169.587

Sweetspot

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



76, 40.759, 299.587



93, 11.963, 297.641



91, 20.761, 216.527



48, 8.335, 297.760



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, 40.759, 299.587



72, 50.439, 300.304



79, 43.476, 315.955



49, 7.564, 297.682



24, 106.517, 307.033



4, 44.505, 305.040

Inverse Universe

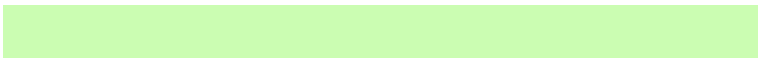
The Inverse Universe completely reimagines the original color for something new.



81, 41.799, 331.481



78, 50.893, 331.904



94, 42.381, 133.270



50, 8.033, 330.169



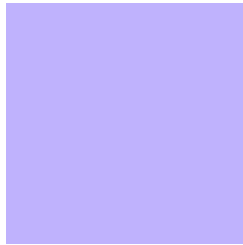
44, 81.298, 336.597



12, 38.002, 335.418

Previews

White Background



This preview shows how the CIELCh color 76, 40.761, 299.587 looks on a white background.

Color Contrast Check

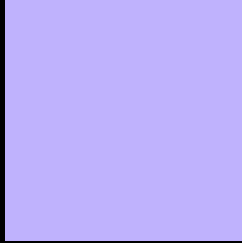
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 40.761, 299.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

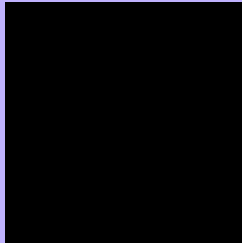
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 40.761, 299.587

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.761, 299.587.



This preview shows how white text looks on a background with the CIELCh color 76, 40.761, 299.587.

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

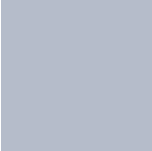
76, 40.761, 299.587

Protanopia

76, 37.883, 285.284

Deuteranopia

76, 35.677, 285.937



Tritanopia
76, 7.888, 272.517

Trichromacy



Original Color
76, 40.761, 299.587

Protanomaly
76, 38.798, 290.948

Deuteranomaly
76, 37.716, 291.696

Tritanomaly
76, 19.429, 292.978

Monochromacy



Original Color
76, 40.761, 299.587

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 14.630, 297.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.761, 299.587 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, 178, 253)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 253)  
}
```

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, 178, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.761, 299.587 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, 178, 253) }
```

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

```
.border{ border-color:rgb(191, 178, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 178, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 178, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 178, 253);  
box-shadow:4px 4px 4px 4px rgb(191, 178,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.761, 299.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 253) }
```

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

```
.background{ background-color: rgb(191,  
178, 253) }
```

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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