

Converting Colors

CIELCh(76, 48.938, 296.527)

Have a look what the booklet for
CIELCh(76, 48.938, 296.527)
contains.

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Color

CIELCh(76, 41.650, 296.065)

Conversions

Conversions Part 1

Format	Color
Hex	B8B3FF
RGB	184, 179, 255
RGB Percent	72%, 70%, 100%
CMY	0.2772, 0.2970, 0.0000
CMYK	0.28, 0.30, 0.00, 0.00
HSL	244°, 100%, 85%
HSV	244°, 30%, 100%
XYZ	54.2886, 49.8872, 102.5343
YIQ	189.1590, -21.4160, 24.6960

Conversions

Conversions Part 2

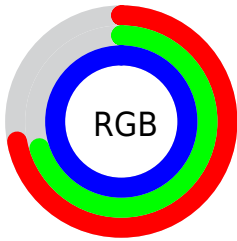
Format	Color
RYB	184, 179, 255
Decimal	12104703
CIELab	76.00, 18.30, -37.41
CIELCh	76, 41.650, 296.065
Yxy	49.8872, 0.2626, 0.2413
Android (android.graphics.Color)	4290294783 (0xFFB8B3FF)
YUV	189.1590, 32.4596, -4.5244
Hunter-Lab	70.6309, 13.5954, -36.6292

Details

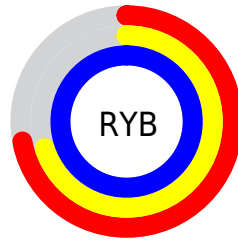
The CIELCh color `76, 41.650, 296.065` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 38.061, 110.206`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 10.548, 302.262`, and `56, 41.320, 296.158` is the 20% darker color. If you saturate the color by 10%, you get `68, 55.863, 297.523`, and if you desaturate by 10%, it is `84, 26.577, 294.782`.

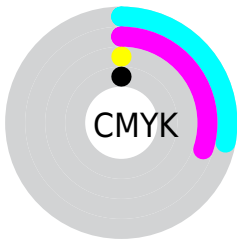
Distribution



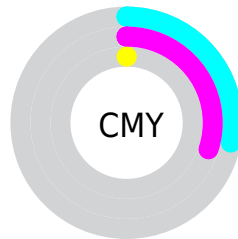
- Red (72%)
- Green (70%)
- Blue (100%)



- Red (72%)
- Yellow (70%)
- Blue (100%)



- Cyan (28%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (28%)
- Magenta (30%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 41.650, 296.065 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, 41.650, 296.065 by changing the saturation by 10% instead.


 76, 41.650,
296.065


 76, 41.650,
296.065


 100, 41.650,
296.065


 66, 41.650,
296.065


 96, 41.650,
296.065

 56, 41.650,
296.065

 46, 41.650,
296.065

 36, 41.650,
296.065

 26, 41.650,
296.065

 16, 41.650,
296.065

 6, 41.650, 296.065

■ 0, 41.650, 296.065

■ 76, 41.650,
296.065

■ 76, 41.650,
296.065

■ 68, 55.863,
297.523

■ 84, 26.577,
294.782

■ 60, 71.363,
299.197

■ 92, 12.822,
293.699

■ 52, 87.211,
301.033

100, 0.012,
296.813

■ 45, 102.831,
302.914

■ 39, 116.983,
304.621

■ 35, 127.660,
305.844

■ 33, 133.368,
306.413

■ 33, 133.504,
306.429

Harmonies

Complementary

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



76, 41.650, 296.065



98, 38.061, 110.206

Rectangle

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



76, 41.650, 296.065



76, 41.650, 346.065



76, 41.650, 116.065



76, 41.650, 166.065

Sweetspot

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



76, 40.918, 296.051



93, 11.886, 293.630



94, 22.988, 202.907



48, 8.283, 293.775



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, 40.918, 296.051



71, 50.270, 296.955



79, 42.901, 312.176



49, 7.516, 293.680



23, 107.445, 306.478



4, 44.286, 303.085

Inverse Universe

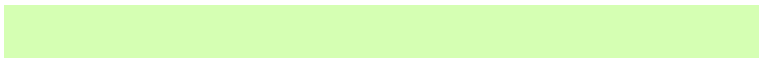
The Inverse Universe completely reimagines the original color for something new.



82, 45.335, 327.980



79, 54.723, 328.338



96, 41.342, 129.426



50, 8.655, 326.803



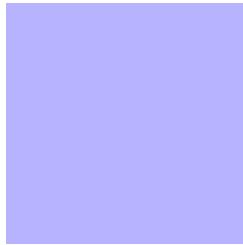
45, 88.334, 331.080



12, 40.895, 330.715

Previews

White Background



This preview shows how the CIELCh color 76, 41.650, 296.065 looks on a white background.

Color Contrast Check

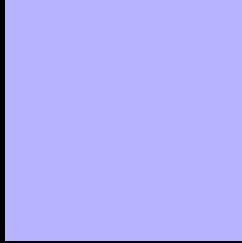
Large Text (above 18pt) WCAG AA × Fail

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, 41.650, 296.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

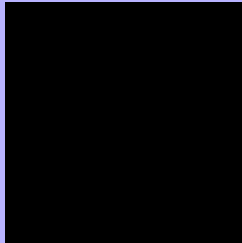
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 41.650, 296.065

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.650, 296.065.



This preview shows how white text looks on a background with the CIELCh color 76, 41.650, 296.065.

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, 41.076, 296.039

Protanopia

76, 37.917, 284.847

Deuteranopia

76, 37.356, 285.099



Tritanopia
76, 9.524, 257.453

Trichromacy



Original Color
76, 41.076, 296.039

Protanomaly
76, 38.812, 289.151

Deuteranomaly
76, 38.281, 289.031

Tritanomaly
76, 20.566, 285.505

Monochromacy



Original Color
76, 41.076, 296.039

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 15.124, 294.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 41.650, 296.065 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(184, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 179, 255)  
}
```

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(184, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 179, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.650, 296.065 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(184, 179, 255) }
```

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

```
.border{ border-color:rgb(184, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 179,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.650, 296.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 179, 255) }
```

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

```
.background{ background-color: rgb(184,  
179, 255) }
```

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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