

Converting Colors

CIELCh(76, 40.583, 293.895)

Have a look what the booklet for
CIELCh(76, 40.583, 293.895)
contains.

CIELCh(76, 40.465, 294.263)	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, 40.465, 294.263)

Conversions

Conversions Part 1

Format	Color
Hex	B5B4FF
RGB	181, 180, 255
RGB Percent	71%, 71%, 100%
CMY	0.2888, 0.2928, 0.0000
CMYK	0.29, 0.29, 0.00, 0.00
HSL	241°, 100%, 85%
HSV	241°, 29%, 100%
XYZ	53.6347, 49.8872, 101.7153
YIQ	188.8490, -23.4790, 23.5370

Conversions

Conversions Part 2

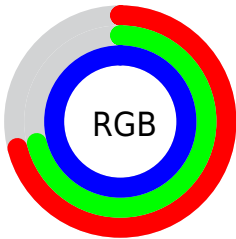
Format	Color
RYB	181, 180, 255
Decimal	11908351
CIELab	76.00, 16.63, -36.89
CIElCh	76, 40.465, 294.263
Yxy	49.8872, 0.2613, 0.2431
Android (android.graphics.Color)	4290098431 (0xFFB5B4FF)
YUV	188.8490, 32.6124, -6.8836
Hunter-Lab	70.6309, 11.9427, -35.9416

Details

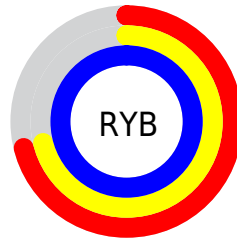
The CIELCh color `76, 40.465, 294.263` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 37.482, 107.915`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.829, 294.947`, and `56, 40.689, 294.370` is the 20% darker color. If you saturate the color by 10%, you get `68, 55.205, 295.890`, and if you desaturate by 10%, it is `84, 25.959, 292.846`.

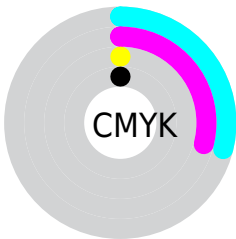
Distribution



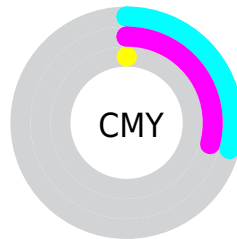
- Red (71%)
- Green (71%)
- Blue (100%)



- Red (71%)
- Yellow (71%)
- Blue (100%)



- Cyan (29%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (29%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 40.465, 294.263 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, 40.465, 294.263 by changing the saturation by 10% instead.


 76, 40.465,
294.263


 76, 40.465,
294.263


 100, 40.465,
294.263


 66, 40.465,
294.263


 96, 40.465,
294.263

 56, 40.465,
294.263

 46, 40.465,
294.263

 36, 40.465,
294.263

 26, 40.465,
294.263

 16, 40.465,
294.263

 6, 40.465, 294.263

■ 0, 40.465, 294.263

■ 76, 40.465,
294.263

■ 76, 40.465,
294.263

■ 68, 55.205,
295.890

■ 84, 25.959,
292.846

■ 60, 70.740,
297.775

■ 92, 12.243,
291.658

■ 52, 86.692,
299.863

100, 0.012,
296.813

■ 45, 102.503,
302.030

■ 39, 116.901,
304.028

■ 35, 127.770,
305.513

■ 32, 133.443,
306.270

■ 32, 133.757,
306.314

Harmonies

Complementary

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



76, 40.465, 294.263



98, 37.482, 107.915

Rectangle

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



76, 40.465, 294.263



76, 40.465, 344.263



76, 40.465, 114.263



76, 40.465, 164.263

Sweetspot

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



76, 40.270, 294.249



93, 11.869, 291.628



95, 23.891, 197.944



48, 8.271, 291.787



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, 40.270, 294.249



71, 48.738, 295.158



79, 41.936, 310.506



49, 7.505, 291.683



23, 107.713, 306.325



3, 44.161, 302.035

Inverse Universe

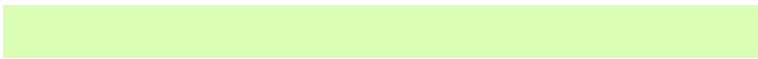
The Inverse Universe completely reimagines the original color for something new.



82, 46.336, 326.415



79, 55.183, 326.720



96, 40.238, 127.694



50, 8.974, 325.310



45, 92.101, 328.778



12, 42.425, 328.711

Previews

White Background



This preview shows how the CIELCh color 76, 40.465, 294.263 looks on a white background.

Color Contrast Check

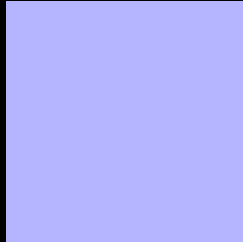
Large Text (above 18pt) WCAG AA × Fail

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, 40.465, 294.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

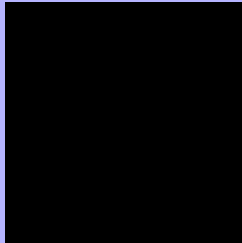
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 40.465, 294.263

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.465, 294.263.



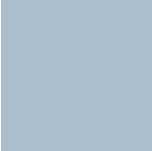
This preview shows how white text looks on a background with the CIELCh color 76, 40.465, 294.263.

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





Tritanopia
76, 10.296, 250.974

Trichromacy



Original Color
76, 40.465, 294.263

Protanomaly
76, 38.830, 288.712

Deuteranomaly
76, 38.299, 288.584

Tritanomaly
76, 20.179, 281.509

Monochromacy



Original Color
76, 40.465, 294.263

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 14.545, 291.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.465, 294.263 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(181, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 180, 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(181, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 180, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.465, 294.263 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(181, 180, 255) }
```

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

```
.border{ border-color:rgb(181, 180, 255) }
```

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

Here you see how a box with a 4 pixel rgb(181, 180, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 180,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.465, 294.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 180, 255) }
```

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

```
.background{ background-color: rgb(181,  
180, 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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