

Converting Colors

CIELCh(77, 50.661, 284.972)

Have a look what the booklet for
CIELCh(77, 50.661, 284.972)
contains.

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Color

CIELCh(76, 37.368, 279.184)

Conversions

Conversions Part 1

Format	Color
Hex	9CBBFF
RGB	156, 187, 255
RGB Percent	61%, 73%, 100%
CMY	0.3878, 0.2663, 0.0000
CMYK	0.39, 0.27, 0.00, 0.00
HSL	221°, 100%, 81%
HSV	221°, 39%, 100%
XYZ	49.5881, 49.8872, 101.7126
YIQ	185.4830, -40.3040, 14.5760

Conversions

Conversions Part 2

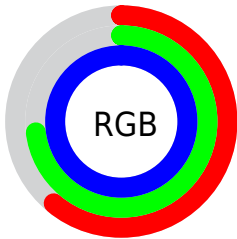
Format	Color
RYB	156, 180, 255
Decimal	10271743
CIELab	76.00, 5.96, -36.89
CIELCh	76, 37.368, 279.184
Yxy	49.8872, 0.2465, 0.2480
Android (android.graphics.Color)	4288461823 (0xFF9CBBFF)
YUV	185.4830, 34.2719, -25.8566
Hunter-Lab	70.6309, 1.7161, -35.9394

Details

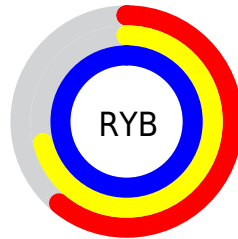
The CIELCh color `76, 37.368, 279.184` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `90, 37.207, 87.622`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 11.629, 231.105`, and `56, 37.426, 279.065` is the 20% darker color. If you saturate the color by 10%, you get `70, 47.422, 281.556`, and if you desaturate by 10%, it is `82, 27.424, 277.096`.

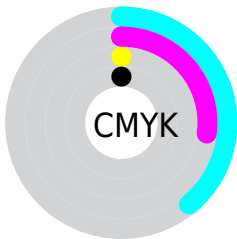
Distribution



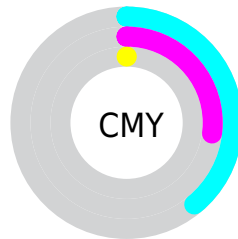
- Red (61%)
- Green (73%)
- Blue (100%)



- Red (61%)
- Yellow (71%)
- Blue (100%)



- Cyan (39%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (27%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 37.368, 279.184 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, 37.368, 279.184 by changing the saturation by 10% instead.


 76, 37.368,
279.184


 76, 37.368,
279.184


 100, 37.368,
279.184


 66, 37.368,
279.184


 96, 37.368,
279.184

 56, 37.368,
279.184

 46, 37.368,
279.184

 36, 37.368,
279.184

 26, 37.368,
279.184

 16, 37.368,
279.184

 6, 37.368, 279.184

■ 0, 37.368, 279.184

■ 76, 37.368,
279.184

■ 76, 37.368,
279.184

■ 70, 47.422,
281.556

■ 82, 27.424,
277.096

■ 64, 57.792,
284.332

■ 88, 17.732,
275.342

■ 58, 68.463,
287.474

■ 95, 8.220, 273.857

■ 53, 79.440,
290.914

100, 0.012,
296.813

■ 48, 90.612,
294.501

■ 43, 101.650,
297.976

■ 43, 102.966,
298.363

Harmonies

Complementary

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



76, 37.368, 279.184



90, 37.207, 87.622

Rectangle

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



76, 37.368, 279.184



76, 37.368, 329.184



76, 37.368, 99.184



76, 37.368, 149.184

Sweetspot

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



76, 37.312, 279.153



93, 11.262, 274.306



93, 36.447, 170.773



48, 7.478, 274.496



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, 37.312, 279.153



71, 45.602, 281.101



70, 54.649, 300.948



50, 5.325, 273.955



32, 81.465, 297.758



8, 32.696, 292.791

Inverse Universe

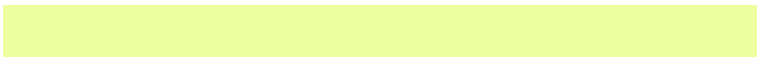
The Inverse Universe completely reimagines the original color for something new.



75, 40.642, 359.718



71, 49.382, 1.200



97, 49.777, 114.605



50, 5.705, 355.888



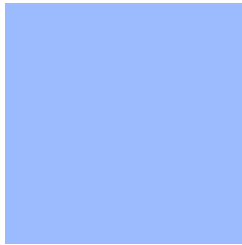
40, 70.242, 20.040



10, 31.409, 11.793

Previews

White Background



This preview shows how the CIELCh color 76, 37.368, 279.184 looks on a white background.

Color Contrast Check

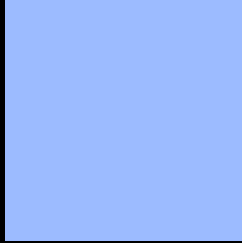
Large Text (above 18pt) WCAG AA × Fail

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, 37.368, 279.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

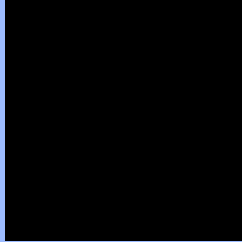
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

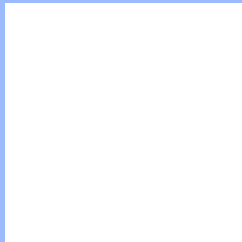
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 37.368, 279.184

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.368, 279.184.



This preview shows how white text looks on a background with the CIELCh color 76, 37.368, 279.184.

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, 37.368, 279.184

Protanopia

76, 37.359, 285.570

Deuteranopia

76, 38.445, 285.490



Tritanopia
76, 18.245, 226.721

Trichromacy



Original Color
76, 37.368, 279.184

Protanomaly
76, 37.508, 283.335

Deuteranomaly
76, 38.072, 283.122

Tritanomaly
76, 22.793, 255.079

Monochromacy



Original Color
76, 37.368, 279.184

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.915, 275.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.368, 279.184 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(156, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 187, 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(156, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 187, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.368, 279.184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

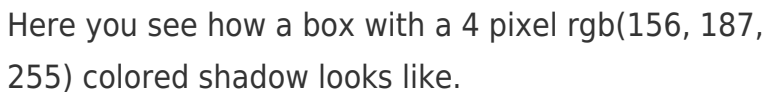
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 187, 255) }
```

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

```
.border{ border-color:rgb(156, 187, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 187,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.368, 279.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 187, 255) }
```

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

```
.background{ background-color: rgb(156,  
187, 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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