

Converting Colors

CIELCh(76, 34.917, 279.420)

Have a look what the booklet for
CIELCh(76, 34.917, 279.420)
contains.

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Color

CIELCh(76, 35.145, 279.337)

Conversions

Conversions Part 1

Format	Color
Hex	9FBBFB
RGB	159, 187, 251
RGB Percent	62%, 73%, 98%
CMY	0.3764, 0.2666, 0.0156
CMYK	0.37, 0.25, 0.00, 0.02
HSL	222°, 92%, 80%
HSV	222°, 37%, 98%
XYZ	49.4913, 49.8872, 98.3028
YIQ	185.9240, -37.2320, 13.9680

Conversions

Conversions Part 2

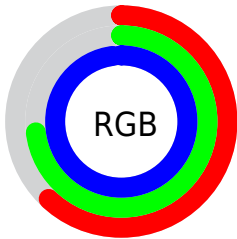
Format	Color
RYB	159, 180, 251
Decimal	10468347
CIELab	76.00, 5.70, -34.68
CIElCh	76, 35.145, 279.337
Yxy	49.8872, 0.2504, 0.2524
Android (android.graphics.Color)	4288658427 (0xFF9FBBFB)
YUV	185.9240, 32.0825, -23.6123
Hunter-Lab	70.6309, 1.4713, -33.0771

Details

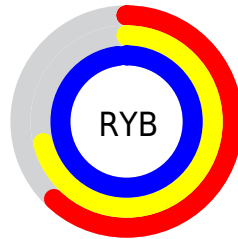
The CIELCh color `76, 35.145, 279.337` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `90, 34.927, 88.635`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 10.823, 233.872`, and `56, 35.051, 279.300` is the 20% darker color. If you saturate the color by 10%, you get `70, 45.219, 281.646`, and if you desaturate by 10%, it is `82, 25.296, 277.361`.

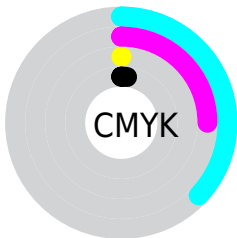
Distribution



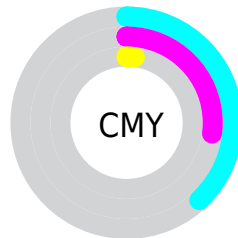
- Red (62%)
- Green (73%)
- Blue (98%)



- Red (62%)
- Yellow (71%)
- Blue (98%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)





- Cyan (38%)
- Magenta (27%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 35.145, 279.337 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, 35.145, 279.337 by changing the saturation by 10% instead.


 76, 35.145,
279.337


 76, 35.145,
279.337


 100, 35.145,
279.337


 66, 35.145,
279.337


 96, 35.145,
279.337

 56, 35.145,
279.337

 46, 35.145,
279.337

 36, 35.145,
279.337

 26, 35.145,
279.337

 16, 35.145,
279.337

 6, 35.145, 279.337

■ 0, 35.145, 279.337

■ 76, 35.145,
279.337

■ 76, 35.145,
279.337

■ 70, 45.219,
281.646

■ 82, 25.296,
277.361

■ 64, 55.560,
284.319

■ 88, 15.652,
275.678

■ 58, 66.203,
287.359

■ 95, 6.197, 274.259

■ 53, 77.161,
290.710

■ 100, 2.007,
109.990

■ 47, 88.338,
294.237

■ 43, 99.425,
297.715

■ 42, 103.039,
298.784

Harmonies

Complementary

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



76, 35.145, 279.337



90, 34.927, 88.635

Rectangle

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



76, 35.145, 279.337



76, 35.145, 329.337



76, 35.145, 99.337



76, 35.145, 149.337

Sweetspot

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



76, 35.144, 279.337



93, 10.420, 274.844



92, 34.167, 171.038



49, 7.010, 275.037



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, 35.144, 279.337



73, 43.073, 281.008



70, 50.782, 300.695



49, 5.290, 274.634



31, 81.683, 298.188



7, 31.930, 292.847

Inverse Universe

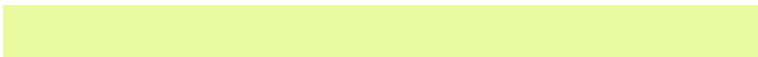
The Inverse Universe completely reimagines the original color for something new.



75, 37.742, 0.012



72, 46.100, 1.286



96, 46.546, 114.752



49, 5.585, 356.511



40, 69.814, 20.810



9, 30.559, 11.738

Previews

White Background



This preview shows how the CIELCh color 76, 35.145, 279.337 looks on a white background.

Color Contrast Check

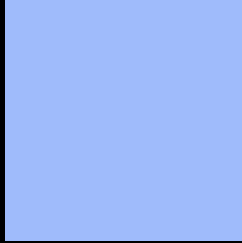
Large Text (above 18pt) WCAG AA × Fail

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, 35.145, 279.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

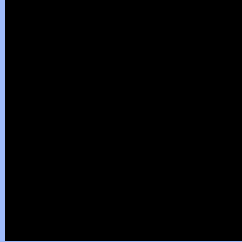
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

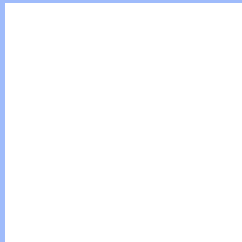
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 35.145, 279.337

Background



This preview shows how black text looks on a background with the CIELCh color 76, 35.145, 279.337.



This preview shows how white text looks on a background with the CIELCh color 76, 35.145, 279.337.

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, 35.145, 279.337

Protanopia

76, 34.654, 285.083

Deuteranopia

76, 36.769, 286.304



Tritanopia
76, 16.997, 226.966

Trichromacy



Original Color
76, 35.145, 279.337

Protanomaly
76, 34.818, 282.634

Deuteranomaly
76, 36.380, 283.798

Tritanomaly
76, 21.323, 255.748

Monochromacy



Original Color
76, 35.145, 279.337

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.316, 276.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 35.145, 279.337 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(159, 187, 251)` looks like.

```
.text, #text, p{  
    color:rgb(159, 187, 251)  
}
```

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(159, 187, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 187, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 35.145, 279.337 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(159, 187, 251) }
```

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

```
.border{ border-color:rgb(159, 187, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 187, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 187, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 187, 251);  
box-shadow:4px 4px 4px 4px rgb(159, 187,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 35.145, 279.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 187, 251) }
```

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

```
.background{ background-color: rgb(159,  
187, 251) }
```

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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