

Converting Colors

CIELCh(80, 84.267, 293.230)

Have a look what the booklet for
CIELCh(80, 84.267, 293.230)
contains.

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Color

CIELCh(76, 38.115, 282.698)

Conversions

Conversions Part 1

Format	Color
Hex	A2BAFF
RGB	162, 186, 255
RGB Percent	64%, 73%, 100%
CMY	0.3660, 0.2719, 0.0000
CMYK	0.37, 0.27, 0.00, 0.00
HSL	225°, 100%, 82%
HSV	225°, 37%, 100%
XYZ	50.4856, 49.8872, 102.1719
YIQ	186.6900, -36.4530, 16.3710

Conversions

Conversions Part 2

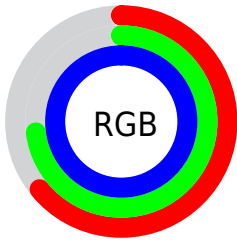
Format	Color
RYB	162, 181, 255
Decimal	10664703
CIELab	76.00, 8.38, -37.18
CIELCh	76, 38.115, 282.698
Yxy	49.8872, 0.2493, 0.2463
Android (android.graphics.Color)	4288854783 (0xFFA2BAFF)
YUV	186.6900, 33.6768, -21.6531
Hunter-Lab	70.6309, 3.9843, -36.3249

Details

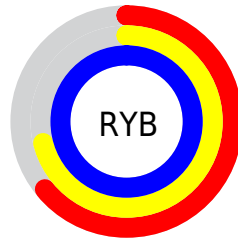
The CIELCh color `76, 38.115, 282.698` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 36.786, 92.184`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 10.100, 240.682`, and `56, 37.612, 282.597` is the 20% darker color. If you saturate the color by 10%, you get `69, 48.727, 284.774`, and if you desaturate by 10%, it is `83, 27.077, 280.622`.

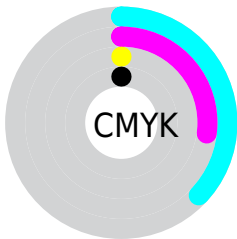
Distribution



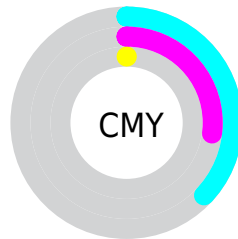
- Red (64%)
- Green (73%)
- Blue (100%)



- Red (64%)
- Yellow (71%)
- Blue (100%)



- Cyan (37%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 38.115, 282.698 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, 38.115, 282.698 by changing the saturation by 10% instead.

 76, 38.115,
282.698

 76, 38.115,
282.698


 100, 38.115,
282.698


 66, 38.115,
282.698


 96, 38.115,
282.698


 56, 38.115,
282.698

 46, 38.115,
282.698

 36, 38.115,
282.698

 26, 38.115,
282.698

 16, 38.115,
282.698

 6, 38.115, 282.698

■ 0, 38.115, 282.698

■ 76, 38.115,
282.698

■ 76, 38.115,
282.698

■ 69, 48.727,
284.774

■ 83, 27.077,
280.622

■ 63, 60.059,
287.356

■ 89, 16.689,
278.988

■ 57, 71.763,
290.277

■ 96, 6.559, 277.608

■ 51, 83.797,
293.468

100, 0.012,
296.813

■ 46, 95.939,
296.775

■ 41, 107.643,
299.950

■ 40,111.394,
300.917

Harmonies

Complementary

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



76, 38.115, 282.698



92, 36.786, 92.184

Rectangle

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



76, 38.115, 282.698



76, 38.115, 332.698



76, 38.115, 102.698



76, 38.115, 152.698

Sweetspot

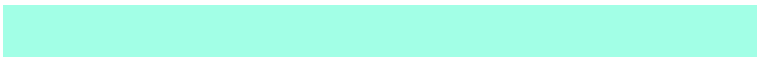
The Sweet Spot groups the original color and five complimentary colors.



76, 37.746, 282.537



93, 10.990, 278.185



94, 33.295, 174.596



49, 7.396, 278.372



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, 37.746, 282.537



71, 45.845, 284.161



72, 51.492, 302.285



50, 5.671, 277.983



29, 88.245, 300.392



7, 35.351, 295.602

Inverse Universe

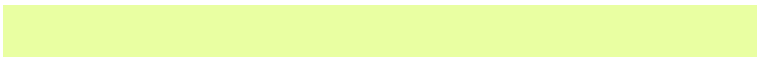
The Inverse Universe completely reimagines the original color for something new.



76, 37.640, 3.440



72, 45.589, 4.766



97, 47.387, 116.890



50, 5.553, 359.865



40, 72.328, 25.036



10, 31.663, 15.568

Previews

White Background



This preview shows how the CIELCh color 76, 38.115, 282.698 looks on a white background.

Color Contrast Check

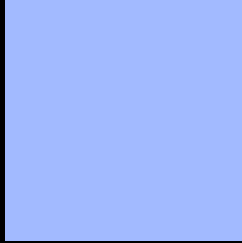
Large Text (above 18pt) WCAG AA × Fail

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, 38.115, 282.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

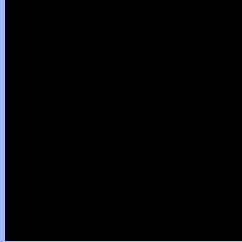
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 38.115, 282.698

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.115, 282.698.



This preview shows how white text looks on a background with the CIELCh color 76, 38.115, 282.698.

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, 37.559, 282.441

Protanopia

76, 37.886, 285.748

Deuteranopia

76, 38.445, 285.490



Tritanopia
76, 16.434, 230.322

Trichromacy



Original Color
76, 37.559, 282.441

Protanomaly
76, 37.428, 284.212

Deuteranomaly
76, 37.991, 283.979

Tritanomaly
76, 21.723, 259.654

Monochromacy



Original Color
76, 37.559, 282.441

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.762, 278.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.115, 282.698 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(162, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 186, 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(162, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 186, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.115, 282.698 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(162, 186, 255) }
```

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

```
.border{ border-color:rgb(162, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 186,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.115, 282.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 186, 255) }
```

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

```
.background{ background-color: rgb(162,  
186, 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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