

Converting Colors

CIELCh(76, 59.453, 294.471)

Have a look what the booklet for
CIELCh(76, 59.453, 294.471)
contains.

CIELCh(75, 42.185, 292.783)	3
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Color

CIELCh(75, 42.185, 292.783)

Conversions

Conversions Part 1

Format	Color
Hex	AFB2FF
RGB	175, 178, 255
RGB Percent	69%, 70%, 100%
CMY	0.3134, 0.3017, 0.0000
CMYK	0.31, 0.30, 0.00, 0.00
HSL	238°, 100%, 84%
HSV	238°, 31%, 100%
XYZ	51.8622, 48.2781, 102.1511
YIQ	185.8810, -26.5050, 23.3110

Conversions

Conversions Part 2

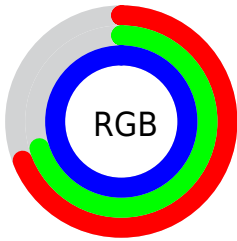
Format	Color
RYB	175, 178, 255
Decimal	11514623
CIELab	75.00, 16.34, -38.89
CIELCh	75, 42.185, 292.783
Yxy	48.2781, 0.2564, 0.2387
Android (android.graphics.Color)	4289704703 (0xFFAFB2FF)
YUV	185.8810, 34.0757, -9.5426
Hunter-Lab	69.4824, 11.6393, -38.5287

Details

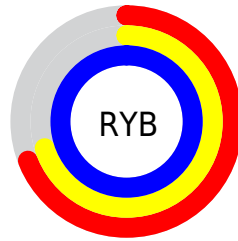
The CIELCh color `75, 42.185, 292.783` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `98, 38.692, 105.495`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.853, 287.434`, and `55, 41.944, 292.931` is the 20% darker color. If you saturate the color by 10%, you get `67, 56.019, 294.492`, and if you desaturate by 10%, it is `83, 27.731, 291.188`.

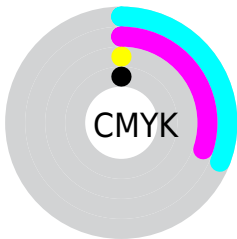
Distribution



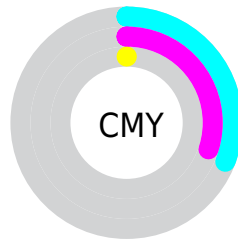
- Red (69%)
- Green (70%)
- Blue (100%)



- Red (69%)
- Yellow (70%)
- Blue (100%)



- Cyan (31%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 42.185, 292.783 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 75, 42.185, 292.783 by changing the saturation by 10% instead.


 75, 42.185,
292.783


 75, 42.185,
292.783


 100, 42.185,
292.783


 65, 42.185,
292.783


 95, 42.185,
292.783

 55, 42.185,
292.783

 45, 42.185,
292.783

 35, 42.185,
292.783

 25, 42.185,
292.783

 15, 42.185,
292.783

 5, 42.185, 292.783

■ 0, 42.185, 292.783

■ 75, 42.185,
292.783

■ 75, 42.185,
292.783

■ 67, 56.019,
294.492

■ 83, 27.731,
291.188

■ 59, 71.041,
296.539

■ 91, 14.446,
289.897

■ 52, 86.491,
298.812

■ 99, 1.681, 288.851

■ 45, 101.868,
301.183

■ 100, 0.012,
296.813

■ 39, 116.009,
303.405

■ 35, 126.950,
305.134

■ 33,132.371,
305.989

Harmonies

Complementary

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



75, 42.185, 292.783



98, 38.692, 105.495

Rectangle

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



75, 42.185, 292.783



75, 42.185, 342.783



75, 42.185, 112.783



75, 42.185, 162.783

Sweetspot

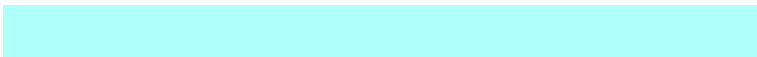
The Sweet Spot groups the original color and five complimentary colors.



75, 41.578, 292.711



93, 11.419, 289.627



95, 25.710, 193.203



48, 7.956, 289.794



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 41.578, 292.711



70, 51.134, 293.868



77, 44.669, 308.967



49, 7.220, 289.684



23, 106.120, 305.860



4, 42.951, 301.139

Inverse Universe

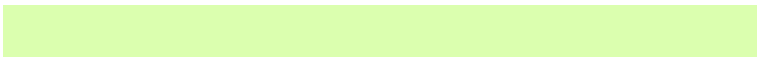
The Inverse Universe completely reimagines the original color for something new.



79, 31.351, 19.304



75, 38.855, 20.300



96, 42.502, 125.775



49, 5.255, 16.944



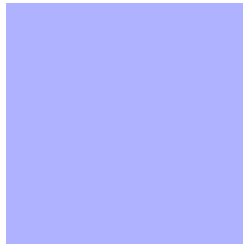
40, 82.624, 38.576



10, 33.065, 25.693

Previews

White Background



This preview shows how the CIELCh color 75, 42.185, 292.783 looks on a white background.

Color Contrast Check

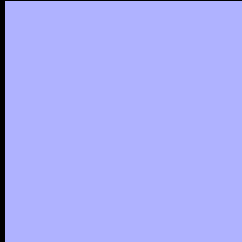
Large Text (above 18pt) WCAG AA × Fail

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 75, 42.185, 292.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

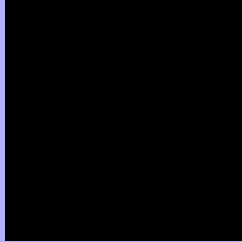
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 42.185, 292.783

Background



This preview shows how black text looks on a background with the CIELCh color 75, 42.185, 292.783.

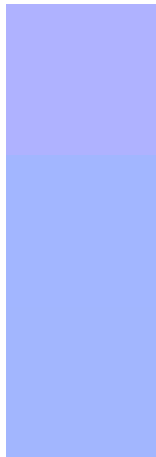


This preview shows how white text looks on a background with the CIELCh color 75, 42.185, 292.783.

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

75, 41.609, 292.700

Protanopia

75, 39.640, 285.066

Deuteranopia

75, 39.114, 284.879



Tritanopia
75, 11.422, 244.327

Trichromacy



Original Color
75, 41.609, 292.700

Protanomaly
75, 40.033, 287.742

Deuteranomaly
75, 39.502, 287.599

Tritanomaly
75, 21.049, 277.499

Monochromacy



Original Color
75, 41.609, 292.700

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 15.126, 290.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 42.185, 292.783 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(175, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 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(175, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 42.185, 292.783 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(175, 178, 255) }
```

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

```
.border{ border-color:rgb(175, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 42.185, 292.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 255) }
```

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

```
.background{ background-color: rgb(175,  
178, 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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