

Converting Colors

CIELCh(75, 40.240, 284.033)

Have a look what the booklet for
CIELCh(75, 40.240, 284.033)
contains.

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Color

CIELCh(75, 39.751, 283.844)

Conversions

Conversions Part 1

Format	Color
Hex	9FB6FF
RGB	159, 182, 255
RGB Percent	62%, 71%, 100%
CMY	0.3749, 0.2847, 0.0000
CMYK	0.37, 0.28, 0.00, 0.00
HSL	226°, 100%, 81%
HSV	226°, 37%, 100%
XYZ	49.3067, 48.2781, 101.6863
YIQ	183.4450, -37.1410, 17.8270

Conversions

Conversions Part 2

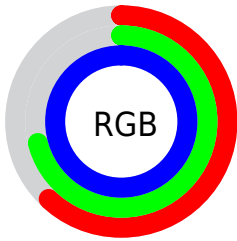
Format	Color
R_{YB}	159, 178, 255
Decimal	10467071
CIE _{Lab}	75.00, 9.51, -38.60
CIE _{LCh}	75, 39.751, 283.844
Yxy	48.2781, 0.2474, 0.2423
Android (android.graphics.Color)	4288657151 (0xFF9FB6FF)
YUV	183.4450, 35.2766, -21.4383
Hunter-Lab	69.4824, 5.0743, -38.1321

Details

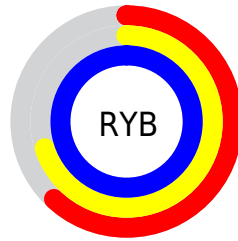
The CIELCh color `75, 39.751, 283.844` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `92, 38.241, 93.232`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 11.310, 250.181`, and `55, 39.962, 284.250` is the 20% darker color. If you saturate the color by 10%, you get `68, 50.816, 285.996`, and if you desaturate by 10%, it is `82, 28.581, 281.835`.

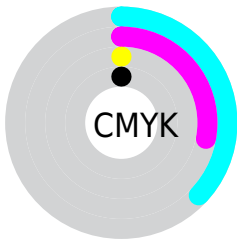
Distribution



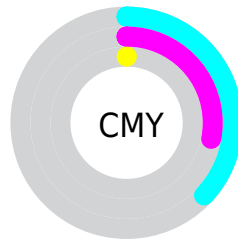
- Red (62%)
- Green (71%)
- Blue (100%)



- Red (62%)
- Yellow (70%)
- Blue (100%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.751, 283.844 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, 39.751, 283.844 by changing the saturation by 10% instead.


 75, 39.751,
283.844

 75, 39.751,
283.844


 100, 39.751,
283.844


 65, 39.751,
283.844


 95, 39.751,
283.844

 55, 39.751,
283.844

 45, 39.751,
283.844

 35, 39.751,
283.844

 25, 39.751,
283.844

 15, 39.751,
283.844

 5, 39.751, 283.844

■ 0, 39.751, 283.844

■ 75, 39.751,
283.844

■ 75, 39.751,
283.844

■ 68, 50.816,
285.996

■ 82, 28.581,
281.835

■ 62, 62.483,
288.577

■ 88, 17.943,
280.197

■ 56, 74.540,
291.483

■ 95, 7.588, 278.809

■ 50, 86.906,
294.633

100, 0.012,
296.813

■ 44, 99.276,
297.856

■ 40, 110.973,
300.887

■ 39,113.709,
301.558

Harmonies

Complementary

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



75, 39.751, 283.844



92, 38.241, 93.232

Rectangle

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



75, 39.751, 283.844



75, 39.751, 333.844



75, 39.751, 103.844



75, 39.751, 153.844

Sweetspot

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



75, 39.527, 283.756



93, 11.197, 279.268



94, 33.624, 175.734



48, 7.536, 279.454



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, 39.527, 283.756



70, 47.976, 285.408



71, 52.880, 302.906



50, 5.777, 279.069



29, 90.126, 301.058



6, 36.058, 296.256

Inverse Universe

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



76, 38.450, 4.808



71, 46.527, 6.196



96, 48.622, 117.537



50, 5.514, 1.067



40, 73.042, 26.414



10, 31.752, 16.551

Previews

White Background



This preview shows how the CIELCh color 75, 39.751, 283.844 looks on a white background.

Color Contrast Check

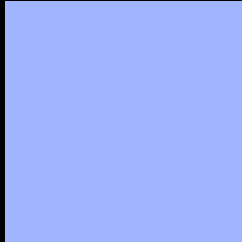
Large Text (above 18pt) WCAG AA × Fail

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, 39.751, 283.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

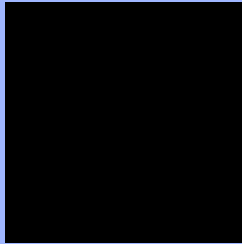
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.751, 283.844

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.751, 283.844.



This preview shows how white text looks on a background with the CIELCh color 75, 39.751, 283.844.

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

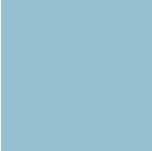
75, 39.751, 283.844

Protanopia

75, 39.114, 284.879

Deuteranopia

75, 39.676, 284.656



Tritanopia
75, 16.490, 228.045

Trichromacy



Original Color
75, 39.751, 283.844

Protanomaly
75, 39.150, 284.462

Deuteranomaly
75, 39.712, 284.249

Tritanomaly
75, 21.904, 259.025

Monochromacy



Original Color
75, 39.751, 283.844

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 14.793, 280.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.751, 283.844 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 182, 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(159, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 182, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.751, 283.844 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, 182, 255) }
```

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

```
.border{ border-color:rgb(159, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 182,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.751, 283.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 182, 255) }
```

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

```
.background{ background-color: rgb(159,  
182, 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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