

Converting Colors

CIELCh(75, 41.651, 293.970)

Have a look what the booklet for
CIELCh(75, 41.651, 293.970)
contains.

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Color

CIELCh(75, 41.610, 293.952)

Conversions

Conversions Part 1

Format	Color
Hex	B2B2FF
RGB	178, 178, 255
RGB Percent	70%, 70%, 100%
CMY	0.3037, 0.3036, 0.0018
CMYK	0.30, 0.30, 0.00, 0.00
HSL	240°, 99%, 85%
HSV	240°, 30%, 100%
XYZ	52.0744, 48.2781, 100.8003
YIQ	186.7780, -24.7170, 23.9470

Conversions

Conversions Part 2

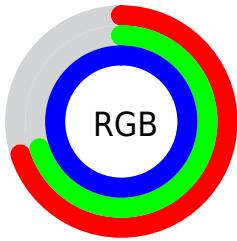
Format	Color
RYB	178, 178, 255
Decimal	11711231
CIELab	75.00, 16.89, -38.03
CIElCh	75, 41.610, 293.952
Yxy	48.2781, 0.2589, 0.2400
Android (android.graphics.Color)	4289901311 (0xFFB2B2FF)
YUV	186.7780, 33.6334, -7.6983
Hunter-Lab	69.4824, 12.1846, -37.3761

Details

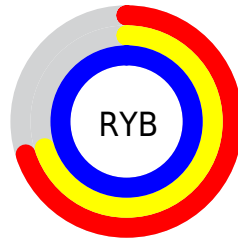
The CIELCh color `75, 41.610, 293.952` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `98, 38.623, 107.219`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.853, 292.837`, and `55, 41.928, 294.148` is the 20% darker color. If you saturate the color by 10%, you get `67, 56.584, 295.665`, and if you desaturate by 10%, it is `83, 27.262, 292.488`.

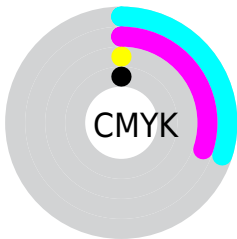
Distribution



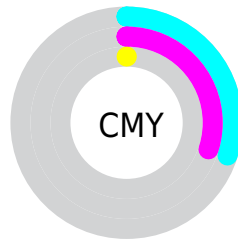
- Red (70%)
- Green (70%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.610, 293.952 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, 41.610, 293.952 by changing the saturation by 10% instead.


 75, 41.610,
293.952


 75, 41.610,
293.952


 100, 41.610,
293.952


 65, 41.610,
293.952


 95, 41.610,
293.952

 55, 41.610,
293.952

 45, 41.610,
293.952

 35, 41.610,
293.952

 25, 41.610,
293.952

 15, 41.610,
293.952

 5, 41.610, 293.952

■ 0, 41.610, 293.952

■ 75, 41.610,
293.952

■ 75, 41.610,
293.952

■ 67, 56.584,
295.665

■ 83, 27.262,
292.488

■ 59, 72.158,
297.632

■ 91, 13.515,
291.249

■ 51, 88.130,
299.805

■ 100, 0.324,
290.432

■ 44, 103.889,
302.044

■ 100, 0.217,
109.806

■ 38, 118.060,
304.081

■ 34, 128.445,
305.559

■ 32, 133.629,
306.286

Harmonies

Complementary

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



75, 41.610, 293.952



98, 38.623, 107.219

Rectangle

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



75, 41.610, 293.952



75, 41.610, 343.952



75, 41.610, 113.952



75, 41.610, 163.952

Sweetspot

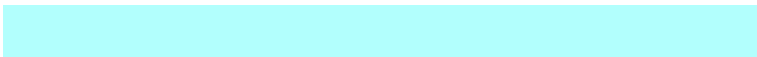
The Sweet Spot groups the original color and five complimentary colors.



75, 41.609, 293.952



93, 11.864, 291.110



95, 24.641, 196.346



48, 8.268, 291.274



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, 41.609, 293.952



70, 50.227, 294.908



78, 43.193, 310.007



49, 7.502, 291.166



23, 107.772, 306.285



3, 44.121, 301.755

Inverse Universe

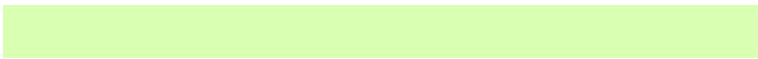
The Inverse Universe completely reimagines the original color for something new.



80, 30.263, 21.964



76, 36.840, 22.745



96, 41.314, 127.048



49, 5.254, 19.928



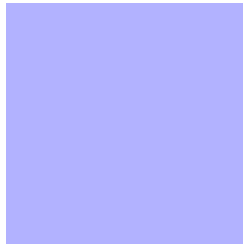
40, 84.221, 39.993



10, 33.366, 27.169

Previews

White Background



This preview shows how the CIELCh color 75, 41.610, 293.952 looks on a white background.

Color Contrast Check

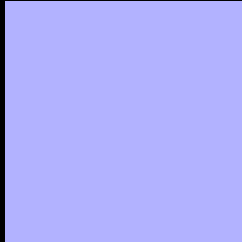
Large Text (above 18pt) WCAG AA × Fail

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, 41.610, 293.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

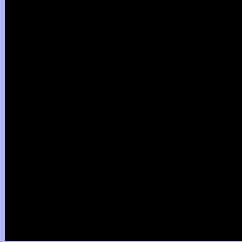
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 41.610, 293.952

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.610, 293.952.



This preview shows how white text looks on a background with the CIELCh color 75, 41.610, 293.952.

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

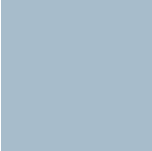
75, 41.610, 293.952

Protanopia

75, 39.640, 285.066

Deuteranopia

75, 39.079, 285.298



Tritanopia
75, 10.742, 248.154

Trichromacy



Original Color
75, 41.610, 293.952

Protanomaly
75, 40.561, 288.732

Deuteranomaly
75, 40.028, 288.604

Tritanomaly
75, 20.854, 280.105

Monochromacy



Original Color
75, 41.610, 293.952

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 15.128, 291.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.610, 293.952 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(178, 178, 255)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 75, 41.610, 293.952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

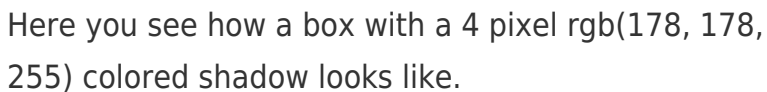
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 178, 255) }
```

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

```
.border{ border-color:rgb(178, 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(178, 178, 255)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 75, 41.610, 293.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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