

Converting Colors

CIELCh(75, 37.906, 292.619)

Have a look what the booklet for
CIELCh(75, 37.906, 292.619)
contains.

CIELCh(75, 37.822, 292.683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 37.822, 292.683)

Conversions

Conversions Part 1

Format	Color
Hex	B1B3F9
RGB	177, 179, 249
RGB Percent	69%, 70%, 98%
CMY	0.3069, 0.2990, 0.0246
CMYK	0.29, 0.28, 0.00, 0.02
HSL	238°, 85%, 83%
HSV	238°, 29%, 98%
XYZ	51.1985, 48.2781, 96.0216
YIQ	186.3820, -23.6620, 21.3460

Conversions

Conversions Part 2

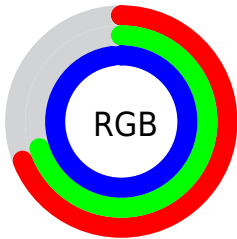
Format	Color
R _Y B	177, 179, 249
Decimal	11645945
CIE Lab	75.00, 14.59, -34.90
CIE LCh	75, 37.822, 292.683
Yxy	48.2781, 0.2619, 0.2469
Android (android.graphics.Color)	4289836025 (0xFFB1B3F9)
YUV	186.3820, 30.8707, -8.2280
Hunter-Lab	69.4824, 9.9343, -33.2984

Details

The CIELCh color `75, 37.822, 292.683` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 35.380, 106.153`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 10.319, 289.095`, and `55, 37.924, 292.673` is the 20% darker color. If you saturate the color by 10%, you get `67, 51.980, 294.387`, and if you desaturate by 10%, it is `83, 24.247, 291.229`.

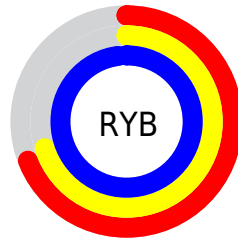
Distribution



Red (69%)

Green (70%)

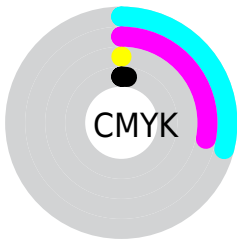
Blue (98%)



Red (69%)

Yellow (70%)

Blue (98%)

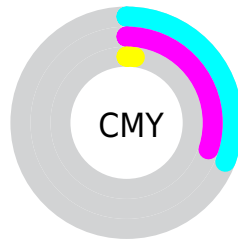


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (31%)


Magenta (30%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 37.822, 292.683 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, 37.822, 292.683 by changing the saturation by 10% instead.


 75, 37.822,
292.683


 75, 37.822,
292.683


 100, 37.822,
292.683


 65, 37.822,
292.683


 95, 37.822,
292.683

 55, 37.822,
292.683

 45, 37.822,
292.683

 35, 37.822,
292.683

 25, 37.822,
292.683

 15, 37.822,
292.683

 5, 37.822, 292.683

■ 0, 37.822, 292.683

■ 75, 37.822,
292.683

■ 75, 37.822,
292.683

■ 67, 51.980,
294.387

■ 83, 24.247,
291.229

■ 59, 66.725,
296.355

■ 91, 11.224,
289.999

■ 52, 81.938,
298.559

■ 99, 1.290, 108.877

■ 45, 97.208,
300.892

■ 100, 3.168,
109.917

■ 39, 111.520,
303.129

■ 34, 123.045,
304.937

■ 32, 129.766,
305.993

■ 32, 130.212,
306.056

Harmonies

Complementary

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



75, 37.822, 292.683



96, 35.380, 106.153

Rectangle

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



75, 37.822, 292.683



75, 37.822, 342.683



75, 37.822, 112.683



75, 37.822, 162.683

Sweetspot

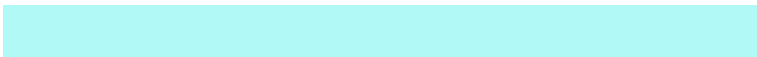
The Sweet Spot groups the original color and five complimentary colors.



75, 37.820, 292.683



93, 11.529, 290.007



93, 23.362, 194.881



48, 8.033, 290.173



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, 37.820, 292.683



72, 47.276, 293.692



77, 40.402, 309.377



48, 7.170, 290.062



23, 105.446, 305.961



3, 41.204, 300.367

Inverse Universe

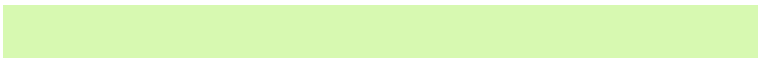
The Inverse Universe completely reimagines the original color for something new.



79, 28.169, 19.685



77, 35.499, 20.525



94, 38.666, 126.509



49, 5.166, 17.686



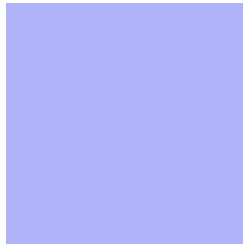
39, 82.154, 38.900



9, 31.991, 25.026

Previews

White Background



This preview shows how the CIELCh color 75, 37.822, 292.683 looks on a white background.

Color Contrast Check

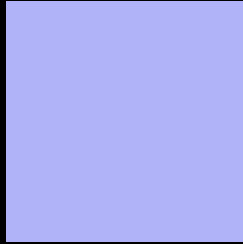
Large Text (above 18pt) WCAG AA × Fail

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, 37.822, 292.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

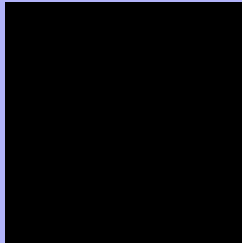
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 37.822, 292.683

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.822, 292.683.



This preview shows how white text looks on a background with the CIELCh color 75, 37.822, 292.683.

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

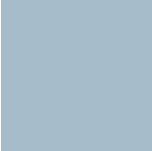
75, 37.822, 292.683

Protanopia

75, 37.463, 285.174

Deuteranopia

75, 35.780, 286.006



Tritanopia
75, 10.366, 246.016

Trichromacy



Original Color
75, 37.822, 292.683

Protanomaly
75, 37.330, 287.905

Deuteranomaly
75, 36.223, 288.569

Tritanomaly
75, 18.815, 277.418

Monochromacy



Original Color
75, 37.822, 292.683

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 14.049, 291.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.822, 292.683 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(177, 179, 249)` looks like.

```
.text, #text, p{  
    color:rgb(177, 179, 249)  
}
```

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(177, 179, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 179, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.822, 292.683 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(177, 179, 249) }
```

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

```
.border{ border-color:rgb(177, 179, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 179, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 179, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 179, 249);  
box-shadow:4px 4px 4px 4px rgb(177, 179,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.822, 292.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 179, 249) }
```

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

```
.background{ background-color: rgb(177,  
179, 249) }
```

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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