

Converting Colors

CIELCh(73, 37.715, 295.476)

Have a look what the booklet for
CIELCh(73, 37.715, 295.476)
contains.

CIELCh(73, 37.586, 295.608)	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(73, 37.586, 295.608)

Conversions

Conversions Part 1

Format	Color
Hex	B0ACF1
RGB	176, 172, 241
RGB Percent	69%, 67%, 95%
CMY	0.3092, 0.3249, 0.0543
CMYK	0.27, 0.29, 0.00, 0.05
HSL	243°, 71%, 81%
HSV	243°, 29%, 95%
XYZ	48.6151, 45.1644, 89.4906
YIQ	181.0620, -19.7650, 22.3070

Conversions

Conversions Part 2

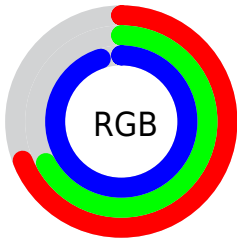
Format	Color
RYB	176, 172, 241
Decimal	11578609
CIELab	73.00, 16.25, -33.89
CIELCh	73, 37.586, 295.608
Yxy	45.1644, 0.2653, 0.2464
Android (android.graphics.Color)	4289768689 (0xFFB0ACF1)
YUV	181.0620, 29.5494, -4.4394
Hunter-Lab	67.2044, 11.5175, -31.9085

Details

The CIELCh color $73, 37.586, 295.608$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $93, 35.070, 109.933$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.703, 299.321$, and $53, 37.662, 295.604$ is the 20% darker color. If you saturate the color by 10%, you get $65, 51.802, 297.078$, and if you desaturate by 10%, it is $81, 23.945, 294.343$.

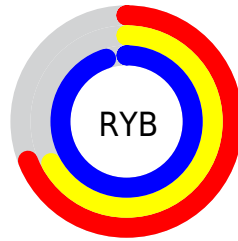
Distribution



Red (69%)

Green (67%)

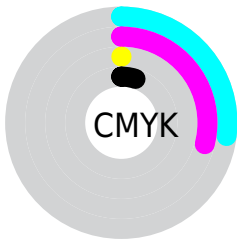
Blue (95%)



Red (69%)

Yellow (67%)

Blue (95%)

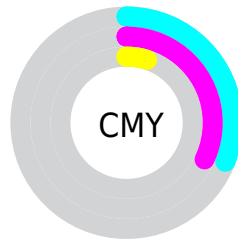


Cyan (27%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (31%)


Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 37.586, 295.608 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 73, 37.586, 295.608 by changing the saturation by 10% instead.

 73, 37.586,
295.608

 73, 37.586,
295.608


 100, 37.586,
295.608

 63, 37.586,
295.608


 93, 37.586,
295.608

 53, 37.586,
295.608

 43, 37.586,
295.608

 33, 37.586,
295.608

 23, 37.586,
295.608

 13, 37.586,
295.608

 3, 37.586, 295.608

■ 0, 37.586, 295.608

■ 73, 37.586,
295.608

■ 73, 37.586,
295.608

■ 65, 51.802,
297.078

■ 81, 23.945,
294.343

■ 58, 66.566,
298.757

■ 89, 10.863,
293.266

■ 50, 81.709,
300.612

■ 96, 1.698, 112.314

■ 43, 96.742,
302.536

■ 100, 7.011,
109.642

■ 38, 110.573,
304.321

■ 33, 121.350,
305.661

■ 31, 127.380,
306.333

■ 31, 128.009,
306.414

Harmonies

Complementary

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



73, 37.586, 295.608



93, 35.070, 109.933

Rectangle

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



73, 37.586, 295.608



73, 37.586, 345.608



73, 37.586, 115.608



73, 37.586, 165.608

Sweetspot

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



73, 37.584, 295.608



93, 11.882, 293.306



90, 21.270, 202.931



48, 8.280, 293.454



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 37.584, 295.608



72, 47.270, 296.388



76, 39.464, 312.117



46, 7.141, 293.351



22, 104.261, 306.460



3, 37.952, 300.106

Inverse Universe

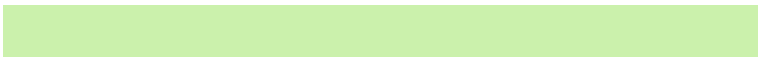
The Inverse Universe completely reimagines the original color for something new.



79, 42.017, 327.656



80, 52.072, 327.965



91, 38.089, 129.484



47, 8.275, 326.550



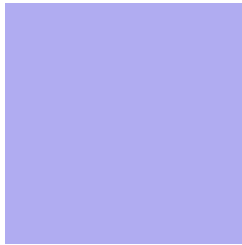
43, 86.283, 330.682



10, 37.905, 330.323

Previews

White Background



This preview shows how the CIELCh color 73, 37.586, 295.608 looks on a white background.

Color Contrast Check

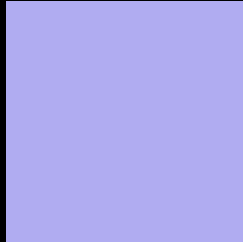
Large Text (above 18pt) WCAG AA × Fail

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 73, 37.586, 295.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

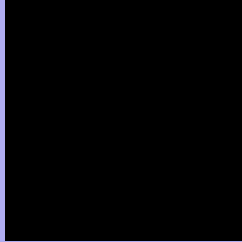
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 37.586, 295.608

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.586, 295.608.



This preview shows how white text looks on a background with the CIELCh color 73, 37.586, 295.608.

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

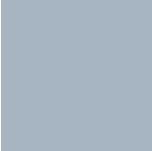
73, 37.586, 295.608

Protanopia

73, 37.116, 285.113

Deuteranopia

73, 34.896, 286.275



Tritanopia
73, 8.966, 257.395

Trichromacy



Original Color
73, 37.586, 295.608

Protanomaly
73, 37.513, 288.955

Deuteranomaly
73, 35.333, 289.415

Tritanomaly
73, 18.602, 283.530

Monochromacy



Original Color
73, 37.586, 295.608

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 13.588, 292.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.586, 295.608 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(176, 172, 241)` looks like.

```
.text, #text, p{  
    color:rgb(176, 172, 241)  
}
```

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(176, 172, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 172, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.586, 295.608 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(176, 172, 241) }
```

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

```
.border{ border-color:rgb(176, 172, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 172, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 172, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 172, 241);  
box-shadow:4px 4px 4px 4px rgb(176, 172,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.586, 295.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 172, 241) }
```

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

```
.background{ background-color: rgb(176,  
172, 241) }
```

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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