

Converting Colors

CIELCh(73, 37.880, 296.508)

Have a look what the booklet for
CIELCh(73, 37.880, 296.508)
contains.

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Color

CIELCh(73, 37.617, 296.573)

Conversions

Conversions Part 1

Format	Color
Hex	B2ACF1
RGB	178, 172, 241
RGB Percent	70%, 67%, 95%
CMY	0.3031, 0.3266, 0.0561
CMYK	0.26, 0.29, 0.00, 0.06
HSL	245°, 71%, 81%
HSV	245°, 29%, 94%
XYZ	48.8278, 45.1644, 89.1319
YIQ	181.6600, -18.5730, 22.7310

Conversions

Conversions Part 2

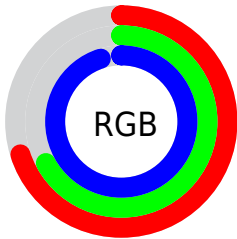
Format	Color
RYB	178, 172, 241
Decimal	11709681
CIELab	73.00, 16.83, -33.64
CIELCh	73, 37.617, 296.573
Yxy	45.1644, 0.2666, 0.2466
Android (android.graphics.Color)	4289899761 (0xFFB2ACF1)
YUV	181.6600, 29.2546, -3.2098
Hunter-Lab	67.2044, 12.0825, -31.5920

Details

The CIELCh color $73, 37.617, 296.573$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $93, 35.115, 111.184$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 14.820, 301.944$, and $53, 37.679, 296.567$ is the 20% darker color. If you saturate the color by 10%, you get $65, 51.807, 297.954$, and if you desaturate by 10%, it is $81, 23.989, 295.380$.

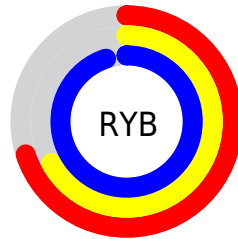
Distribution



Red (70%)

Green (67%)

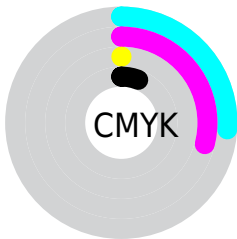
Blue (95%)



Red (70%)

Yellow (67%)

Blue (95%)

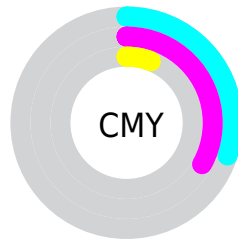


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (30%)


Magenta (33%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 37.617, 296.573 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, 37.617, 296.573 by changing the saturation by 10% instead.


 73, 37.617,
296.573


 73, 37.617,
296.573


 100, 37.617,
296.573


 63, 37.617,
296.573


 93, 37.617,
296.573


 53, 37.617,
296.573

 43, 37.617,
296.573

 33, 37.617,
296.573

 23, 37.617,
296.573

 13, 37.617,
296.573

 3, 37.617, 296.573

■ 0, 37.617, 296.573

■ 73, 37.617,
296.573

■ 73, 37.617,
296.573

■ 65, 51.807,
297.954

■ 81, 23.989,
295.380

■ 58, 66.523,
299.523

■ 88, 10.912,
294.359

■ 50, 81.584,
301.246

■ 96, 1.647, 113.462

■ 44, 96.501,
303.023

■ 100, 7.235,
109.626

■ 38, 110.208,
304.659

■ 33, 120.923,
305.867

■ 31, 127.018,
306.436

■ 31, 127.646,
306.503

Harmonies

Complementary

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



73, 37.617, 296.573



93, 35.115, 111.184

Rectangle

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



73, 37.617, 296.573



73, 37.617, 346.573



73, 37.617, 116.573



73, 37.617, 166.573

Sweetspot

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



73, 37.615, 296.573



93, 11.896, 294.394



89, 20.613, 206.522



48, 8.290, 294.534



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, 37.615, 296.573



73, 47.300, 297.301



76, 39.696, 313.212



46, 7.149, 294.437



22, 104.089, 306.562



3, 38.031, 300.777

Inverse Universe

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



78, 41.197, 328.536



80, 51.066, 328.854



91, 38.433, 130.616



47, 8.112, 327.400



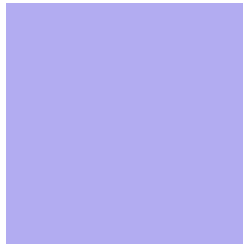
43, 84.351, 332.021



10, 37.173, 331.450

Previews

White Background



This preview shows how the CIELCh color 73, 37.617, 296.573 looks on a white background.

Color Contrast Check

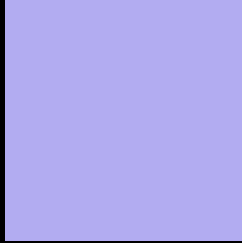
Large Text (above 18pt) WCAG AA × Fail

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, 37.617, 296.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

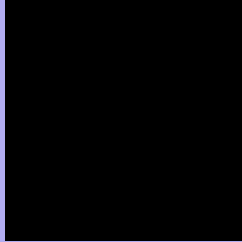
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 37.617, 296.573

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.617, 296.573.



This preview shows how white text looks on a background with the CIELCh color 73, 37.617, 296.573.

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, 37.617, 296.573

Protanopia
73, 37.116, 285.113

Deuteranopia
73, 34.868, 286.768



Tritanopia
73, 8.948, 265.126

Trichromacy



Original Color
73, 37.617, 296.573

Protanomaly
73, 36.959, 289.295

Deuteranomaly
73, 35.881, 290.535

Tritanomaly
73, 19.062, 286.865

Monochromacy



Original Color
73, 37.617, 296.573

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 13.607, 294.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.617, 296.573 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, 172, 241)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 172, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 172, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.617, 296.573 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, 172, 241) }
```

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

```
.border{ border-color:rgb(178, 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(178, 172, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 172, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 172, 241);  
box-shadow:4px 4px 4px 4px rgb(178, 172,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.617, 296.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 172, 241) }
```

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

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