

Converting Colors

CIELCh(73, 37.477, 304.101)

Have a look what the booklet for
CIELCh(73, 37.477, 304.101)
contains.

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Color

CIELCh(73, 37.218, 304.182)

Conversions

Conversions Part 1

Format	Color
Hex	BEA9EC
RGB	190, 169, 236
RGB Percent	75%, 66%, 93%
CMY	0.2564, 0.3387, 0.0761
CMYK	0.20, 0.28, 0.00, 0.08
HSL	259°, 63%, 79%
HSV	259°, 28%, 92%
XYZ	50.3365, 45.1644, 85.1141
YIQ	182.9170, -8.9910, 25.2890

Conversions

Conversions Part 2

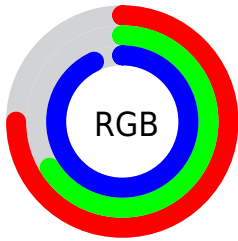
Format	Color
RYB	190, 169, 236
Decimal	12495340
CIELab	73.00, 20.91, -30.79
CIELCh	73, 37.218, 304.182
Yxy	45.1644, 0.2787, 0.2501
Android (android.graphics.Color)	4290685420 (0xFFBEA9EC)
YUV	182.9170, 26.1699, 6.2118
Hunter-Lab	67.2044, 16.0896, -28.0474

Details

The CIELCh color $73, 37.218, 304.182$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $90, 35.188, 120.676$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 18.005, 317.556$, and $53, 37.145, 304.276$ is the 20% darker color. If you saturate the color by 10%, you get $66, 51.127, 304.999$, and if you desaturate by 10%, it is $80, 23.712, 303.443$.

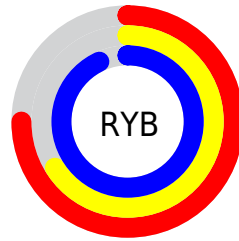
Distribution



Red (75%)

Green (66%)

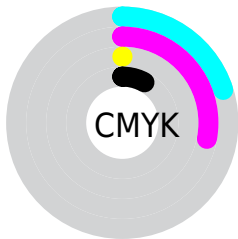
Blue (93%)



Red (75%)

Yellow (66%)

Blue (93%)

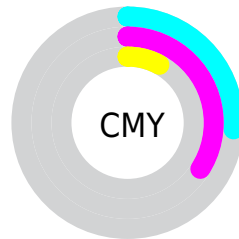


Cyan (20%)

Magenta (28%)

Yellow (0%)

Black (8%)



Cyan (26%)


Magenta (34%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 37.218, 304.182 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, 37.218, 304.182 by changing the saturation by 10% instead.


 73, 37.218,
304.182


 73, 37.218,
304.182


 100, 37.218,
304.182


 63, 37.218,
304.182


 93, 37.218,
304.182

 53, 37.218,
304.182

 43, 37.218,
304.182

 33, 37.218,
304.182

 23, 37.218,
304.182

 13, 37.218,
304.182

 3, 37.218, 304.182

■ 0, 37.218, 304.182

■ 73, 37.218,
304.182

■ 73, 37.218,
304.182

■ 66, 51.127,
304.999

■ 80, 23.712,
303.443

■ 59, 65.326,
305.877

■ 87, 10.658,
302.785

■ 52, 79.553,
306.775

■ 94, 1.942, 122.248

■ 99, 9.828, 110.858

■ 46, 93.297,
307.618

■ 100, 9.822,
109.434

■ 41, 105.675,
308.277

■ 36, 115.417,
308.580

■ 33, 121.462,
308.396

■ 33, 122.252,
308.362

Harmonies

Complementary

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



73, 37.218, 304.182



90, 35.188, 120.676

Rectangle

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



73, 37.218, 304.182



73, 37.218, 354.182



73, 37.218, 124.182



73, 37.218, 174.182

Sweetspot

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



73, 37.216, 304.182



93, 12.150, 302.823



84, 18.232, 234.347



49, 8.464, 302.915



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, 37.216, 304.182



74, 47.913, 304.640



76, 40.486, 320.077



45, 7.173, 302.850



24, 100.164, 308.517



3, 36.717, 305.574

Inverse Universe

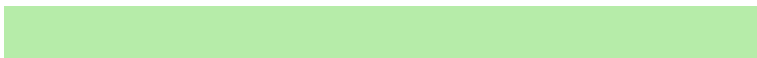
The Inverse Universe completely reimagines the original color for something new.



77, 34.366, 336.922



79, 43.755, 337.399



88, 39.961, 137.315



46, 6.789, 335.454



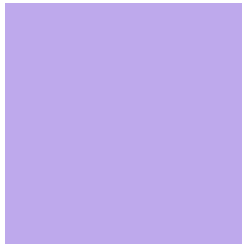
40, 70.805, 345.846



8, 31.235, 342.532

Previews

White Background



This preview shows how the CIELCh color 73, 37.218, 304.182 looks on a white background.

Color Contrast Check

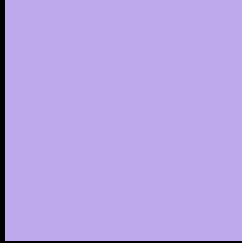
Large Text (above 18pt) WCAG AA × Fail

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, 37.218, 304.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

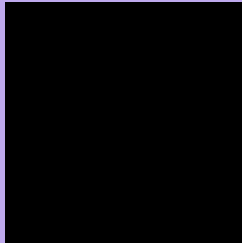
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 37.218, 304.182

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.218, 304.182.



This preview shows how white text looks on a background with the CIELCh color 73, 37.218, 304.182.

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, 37.218, 304.182

Protanopia
73, 35.456, 285.464

Deuteranopia
73, 31.557, 287.923



Tritanopia
73, 7.853, 304.310

Trichromacy



Original Color
73, 37.218, 304.182

Protanomaly
73, 35.860, 292.019

Deuteranomaly
73, 33.752, 294.433

Tritanomaly
73, 18.433, 303.976

Monochromacy



Original Color
73, 37.218, 304.182

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 13.300, 302.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.218, 304.182 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(190, 169, 236)` looks like.

```
.text, #text, p{  
    color:rgb(190, 169, 236)  
}
```

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(190, 169, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 169, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.218, 304.182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

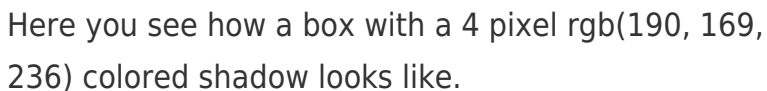
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 169, 236) }
```

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

```
.border{ border-color:rgb(190, 169, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 169, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 169, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 169, 236); box-shadow:4px 4px 4px 4px rgb(190, 169, 236) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.218, 304.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 169, 236) }
```

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

```
.background{ background-color: rgb(190,  
169, 236) }
```

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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