

Converting Colors

CIELCh(73, 37.981, 292.084)

Have a look what the booklet for
CIELCh(73, 37.981, 292.084)
contains.

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Color

CIELCh(73, 37.480, 291.765)

Conversions

Conversions Part 1

Format	Color
Hex	AAAEF3
RGB	170, 174, 243
RGB Percent	67%, 68%, 95%
CMY	0.3342, 0.3185, 0.0480
CMYK	0.30, 0.28, 0.00, 0.05
HSL	237°, 75%, 81%
HSV	237°, 30%, 95%
XYZ	47.7639, 45.1644, 90.8070
YIQ	180.6700, -24.5330, 20.6110

Conversions

Conversions Part 2

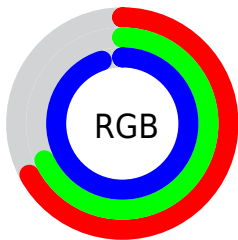
Format	Color
RYB	170, 174, 243
Decimal	11185907
CIELab	73.00, 13.90, -34.81
CIELCh	73, 37.480, 291.765
Yxy	45.1644, 0.2600, 0.2458
Android (android.graphics.Color)	4289375987 (0xFFAAAEF3)
YUV	180.6700, 30.7287, -9.3576
Hunter-Lab	67.2044, 9.2567, -33.0699

Details

The CIELCh color `73, 37.480, 291.765` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `93, 35.107, 104.808`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 13.481, 288.374`, and `53, 37.577, 291.777` is the 20% darker color. If you saturate the color by 10%, you get `65, 50.989, 293.524`, and if you desaturate by 10%, it is `81, 24.516, 290.262`.

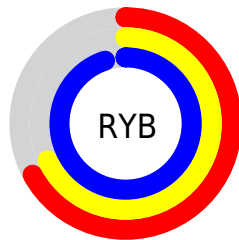
Distribution



Red (67%)

Green (68%)

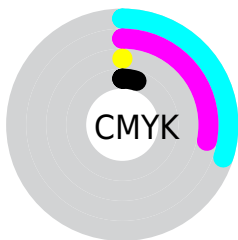
Blue (95%)



Red (67%)

Yellow (68%)

Blue (95%)

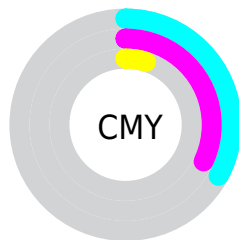


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (33%)


Magenta (32%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 37.480, 291.765 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, 37.480, 291.765 by changing the saturation by 10% instead.


 73, 37.480,
291.765


 73, 37.480,
291.765


 100, 37.480,
291.765


 63, 37.480,
291.765


 93, 37.480,
291.765

 53, 37.480,
291.765

 43, 37.480,
291.765

 33, 37.480,
291.765

 23, 37.480,
291.765

 13, 37.480,
291.765

 3, 37.480, 291.765

■ 0, 37.480, 291.765

■ 73, 37.480,
291.765

■ 73, 37.480,
291.765

■ 65, 50.989,
293.524

■ 81, 24.516,
290.262

■ 58, 65.053,
295.555

■ 88, 12.066,
288.989

■ 51, 79.578,
297.832

■ 96, 0.088, 289.031

■ 44, 94.211,
300.254

■ 100, 6.192,
109.702

■ 38, 108.075,
302.609

■ 34, 119.540,
304.575

■ 31, 126.695,
305.807

Harmonies

Complementary

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



73, 37.480, 291.765



93, 35.107, 104.808

Rectangle

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



73, 37.480, 291.765



73, 37.480, 341.765



73, 37.480, 111.765



73, 37.480, 161.765

Sweetspot

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



73, 37.479, 291.765



93, 11.206, 288.869



91, 23.956, 191.779



48, 7.808, 289.038



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, 37.479, 291.765



72, 47.286, 292.793



75, 41.017, 308.331



47, 6.852, 288.922



23, 103.164, 305.635



3, 38.380, 298.858

Inverse Universe

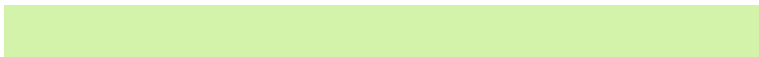
The Inverse Universe completely reimagines the original color for something new.



77, 28.724, 17.754



76, 36.484, 18.635



92, 39.056, 125.224



48, 5.086, 15.501



39, 80.236, 37.864



8, 30.684, 22.806

Previews

White Background



This preview shows how the CIELCh color 73, 37.480, 291.765 looks on a white background.

Color Contrast Check

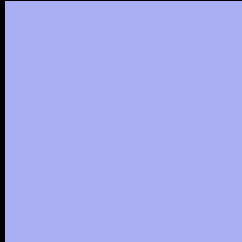
Large Text (above 18pt) WCAG AA × Fail

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, 37.480, 291.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

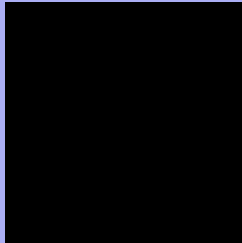
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 37.480, 291.765

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.480, 291.765.



This preview shows how white text looks on a background with the CIELCh color 73, 37.480, 291.765.

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, 37.480, 291.765

Protanopia

73, 37.116, 285.113

Deuteranopia

73, 35.992, 286.148



Tritanopia
73, 11.017, 246.897

Trichromacy



Original Color
73, 37.480, 291.765

Protanomaly
73, 37.004, 287.412

Deuteranomaly
73, 36.460, 288.221

Tritanomaly
73, 19.518, 277.058

Monochromacy



Original Color
73, 37.480, 291.765

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 13.585, 288.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.480, 291.765 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(170, 174, 243)` looks like.

```
.text, #text, p{  
    color:rgb(170, 174, 243)  
}
```

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(170, 174, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 174, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.480, 291.765 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(170, 174, 243) }
```

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

```
.border{ border-color:rgb(170, 174, 243) }
```

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

Here you see how a box with a 4 pixel rgb(170, 174, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 174, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 174, 243);  
box-shadow:4px 4px 4px 4px rgb(170, 174,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.480, 291.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 174, 243) }
```

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

```
.background{ background-color: rgb(170,  
174, 243) }
```

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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