

Converting Colors

CIELCh(73, 38.561, 291.455)

Have a look what the booklet for
CIELCh(73, 38.561, 291.455)
contains.

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Color

CIELCh(73, 38.562, 291.467)

Conversions

Conversions Part 1

Format	Color
Hex	A9AEF5
RGB	169, 174, 245
RGB Percent	66%, 68%, 96%
CMY	0.3382, 0.3186, 0.0402
CMYK	0.31, 0.29, 0.00, 0.04
HSL	236°, 79%, 81%
HSV	236°, 31%, 96%
XYZ	47.8413, 45.1644, 92.3770
YIQ	180.5990, -25.7710, 21.0210

Conversions

Conversions Part 2

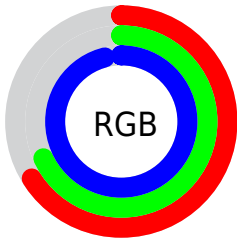
Format	Color
R _Y B	169, 174, 245
Decimal	11120373
CIE Lab	73.00, 14.11, -35.89
CIE LCh	73, 38.562, 291.467
Yxy	45.1644, 0.2581, 0.2436
Android (android.graphics.Color)	4289310453 (0xFFA9AEF5)
YUV	180.5990, 31.7497, -10.1723
Hunter-Lab	67.2044, 9.4624, -34.4550

Details

The CIELCh color `73, 38.562, 291.467` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `94, 36.095, 104.180`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 13.496, 286.942`, and `53, 38.158, 291.440` is the 20% darker color. If you saturate the color by 10%, you get `65, 52.037, 293.266`, and if you desaturate by 10%, it is `81, 25.626, 289.929`.

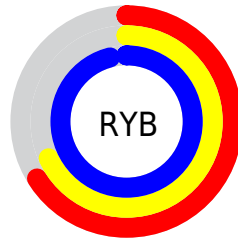
Distribution



Red (66%)

Green (68%)

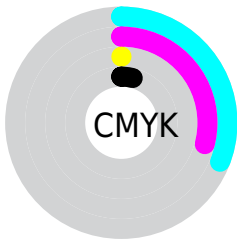
Blue (96%)



Red (66%)

Yellow (68%)

Blue (96%)

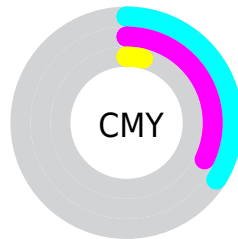


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (34%)


Magenta (32%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 38.562, 291.467 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, 38.562, 291.467 by changing the saturation by 10% instead.


 73, 38.562,
291.467

 73, 38.562,
291.467


 100, 38.562,
291.467


 63, 38.562,
291.467


 93, 38.562,
291.467

 53, 38.562,
291.467

 43, 38.562,
291.467

 33, 38.562,
291.467

 23, 38.562,
291.467

 13, 38.562,
291.467

 3, 38.562, 291.467

■ 0, 38.562, 291.467

■ 73, 38.562,
291.467

■ 73, 38.562,
291.467

■ 65, 52.037,
293.266

■ 81, 25.626,
289.929

■ 58, 66.061,
295.341

■ 88, 13.199,
288.624

■ 51, 80.538,
297.664

■ 96, 1.239, 287.590

■ 44, 95.113,
300.129

■ 100, 5.189,
109.775

■ 38, 108.906,
302.521

■ 34, 120.301,
304.519

■ 32,126.948,
305.692

Harmonies

Complementary

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



73, 38.562, 291.467



94, 36.095, 104.180

Rectangle

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



73, 38.562, 291.467



73, 38.562, 341.467



73, 38.562, 111.467



73, 38.562, 161.467

Sweetspot

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



73, 38.561, 291.467



93, 11.076, 288.386



92, 24.815, 191.709



49, 7.717, 288.557



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, 38.561, 291.467



71, 48.097, 292.520



74, 42.694, 308.392



47, 6.772, 288.440



23, 102.650, 305.496



4, 38.075, 298.667

Inverse Universe

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



76, 29.932, 17.045



76, 37.560, 17.960



93, 40.579, 125.174



48, 5.091, 14.612



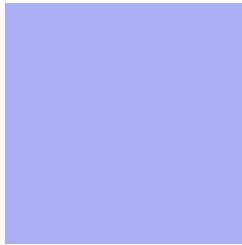
39, 79.804, 37.435



8, 30.621, 22.358

Previews

White Background



This preview shows how the CIELCh color 73, 38.562, 291.467 looks on a white background.

Color Contrast Check

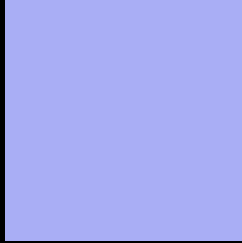
Large Text (above 18pt) WCAG AA × Fail

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, 38.562, 291.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

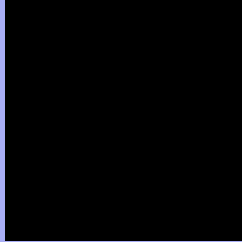
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 38.562, 291.467

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.562, 291.467.



This preview shows how white text looks on a background with the CIELCh color 73, 38.562, 291.467.

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, 38.562, 291.467

Protanopia

73, 38.210, 285.058

Deuteranopia

73, 36.586, 284.917



Tritanopia
73, 11.118, 242.246

Trichromacy



Original Color
73, 38.562, 291.467

Protanomaly
73, 38.097, 287.269

Deuteranomaly
73, 37.004, 287.412

Tritanomaly
73, 19.145, 274.631

Monochromacy



Original Color
73, 38.562, 291.467

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 14.126, 288.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.562, 291.467 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(169, 174, 245)` looks like.

```
.text, #text, p{  
    color:rgb(169, 174, 245)  
}
```

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(169, 174, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 174, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.562, 291.467 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(169, 174, 245) }
```

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

```
.border{ border-color:rgb(169, 174, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 174, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 174, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 174, 245);  
box-shadow:4px 4px 4px 4px rgb(169, 174,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.562, 291.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 174, 245) }
```

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

```
.background{ background-color: rgb(169,  
174, 245) }
```

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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