

Converting Colors

CIELCh(73, 29.021, 284.143)

Have a look what the booklet for
CIELCh(73, 29.021, 284.143)
contains.

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Color

CIELCh(73, 28.965, 284.615)

Conversions

Conversions Part 1

Format	Color
Hex	A4B1E6
RGB	164, 177, 230
RGB Percent	64%, 69%, 90%
CMY	0.3560, 0.3051, 0.0972
CMYK	0.29, 0.23, 0.00, 0.10
HSL	228°, 57%, 77%
HSV	228°, 29%, 90%
XYZ	45.4279, 45.1644, 81.3445
YIQ	179.1550, -24.7610, 13.7270

Conversions

Conversions Part 2

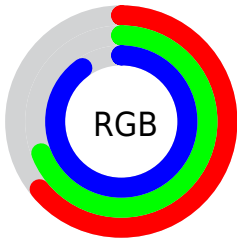
Format	Color
RYB	164, 175, 230
Decimal	10793446
CIELab	73.00, 7.31, -28.03
CIELCh	73, 28.965, 284.615
Yxy	45.1644, 0.2642, 0.2627
Android (android.graphics.Color)	4288983526 (0xFFA4B1E6)
YUV	179.1550, 25.0666, -13.2909
Hunter-Lab	67.2044, 3.0521, -24.7217

Details

The CIELCh color `73, 28.965, 284.615` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 27.995, 97.236`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 12.095, 269.889`, and `53, 28.543, 284.423` is the 20% darker color. If you saturate the color by 10%, you get `67, 39.696, 286.497`, and if you desaturate by 10%, it is `79, 18.577, 283.006`.

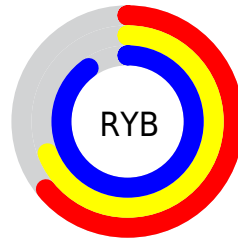
Distribution



Red (64%)

Green (69%)

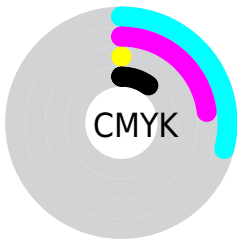
Blue (90%)



Red (64%)

Yellow (69%)

Blue (90%)

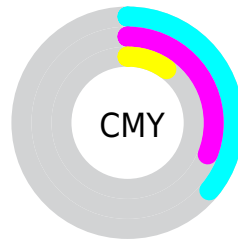


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (36%)


Magenta (31%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 28.965, 284.615 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, 28.965, 284.615 by changing the saturation by 10% instead.


 73, 28.965,
284.615


 73, 28.965,
284.615


 100, 28.965,
284.615


 63, 28.965,
284.615


 93, 28.965,
284.615

 53, 28.965,
284.615

 43, 28.965,
284.615

 33, 28.965,
284.615

 23, 28.965,
284.615

 13, 28.965,
284.615

 3, 28.965, 284.615

■ 0, 28.965, 284.615

■ 73, 28.965,
284.615

■ 73, 28.965,
284.615

■ 67, 39.696,
286.497

■ 79, 18.577,
283.006

■ 60, 50.807,
288.687

■ 86, 8.506, 281.640

■ 54, 62.321,
291.197

■ 92, 1.273, 100.304

■ 48, 74.209,
293.995

■ 98, 10.710,
101.897

■ 43, 86.297,
296.978

■ 99, 12.543,
109.229

■ 38, 98.103,
299.946

■ 34, 108.716,
302.597

■ 33, 109.985,
302.895

Harmonies

Complementary

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



73, 28.965, 284.615



87, 27.995, 97.236

Rectangle

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



73, 28.965, 284.615



73, 28.965, 334.615



73, 28.965, 104.615



73, 28.965, 154.615

Sweetspot

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



73, 28.964, 284.614



94, 9.596, 281.688



87, 23.434, 180.586



49, 6.682, 281.874



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, 28.964, 284.614



76, 37.643, 285.617



71, 36.803, 303.747



45, 5.563, 281.739



25, 89.660, 302.476



4, 29.125, 292.507

Inverse Universe

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



74, 26.392, 6.655



78, 34.388, 7.489



89, 34.746, 120.130



45, 4.973, 4.307



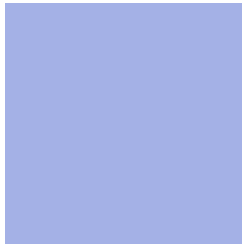
37, 71.160, 29.536



7, 26.670, 13.544

Previews

White Background



This preview shows how the CIELCh color 73, 28.965, 284.615 looks on a white background.

Color Contrast Check

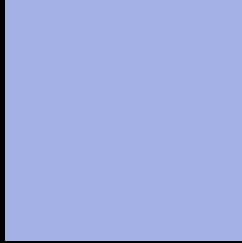
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 28.965, 284.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

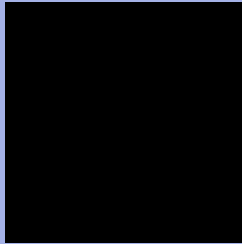
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 28.965, 284.615

Background



This preview shows how black text looks on a background with the CIELCh color 73, 28.965, 284.615.



This preview shows how white text looks on a background with the CIELCh color 73, 28.965, 284.615.

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, 28.965, 284.615

Protanopia

73, 28.930, 285.231

Deuteranopia

73, 29.906, 288.662



Tritanopia
73, 11.940, 242.105

Trichromacy



Original Color
73, 28.965, 284.615

Protanomaly
73, 28.930, 285.231

Deuteranomaly
73, 29.946, 287.453

Tritanomaly
73, 17.048, 267.159

Monochromacy



Original Color
73, 28.965, 284.615

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.933, 283.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 28.965, 284.615 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(164, 177, 230)` looks like.

```
.text, #text, p{  
    color:rgb(164, 177, 230)  
}
```

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(164, 177, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 177, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 28.965, 284.615 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(164, 177, 230) }
```

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

```
.border{ border-color:rgb(164, 177, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 177, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 177, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 177, 230);  
box-shadow:4px 4px 4px 4px rgb(164, 177,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 28.965, 284.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 177, 230) }
```

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

```
.background{ background-color: rgb(164,  
177, 230) }
```

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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