

Converting Colors

CIELCh(73, 29.687, 276.623)

Have a look what the booklet for
CIELCh(73, 29.687, 276.623)
contains.

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Color

CIELCh(73, 29.652, 276.345)

Conversions

Conversions Part 1

Format	Color
Hex	99B4E9
RGB	153, 180, 233
RGB Percent	60%, 71%, 91%
CMY	0.4009, 0.2950, 0.0873
CMYK	0.34, 0.23, 0.00, 0.09
HSL	220°, 64%, 76%
HSV	220°, 34%, 91%
XYZ	44.0369, 45.1644, 83.2998
YIQ	177.9690, -33.1050, 10.7590

Conversions

Conversions Part 2

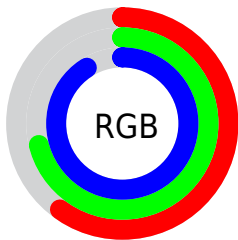
Format	Color
RYB	153, 173, 233
Decimal	10073321
CIELab	73.00, 3.28, -29.47
CIELCh	73, 29.652, 276.345
Yxy	45.1644, 0.2553, 0.2618
Android (android.graphics.Color)	4288263401 (0xFF99B4E9)
YUV	177.9690, 27.1303, -21.8978
Hunter-Lab	67.2044, -0.6425, -26.4467

Details

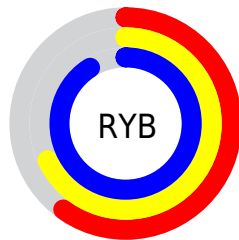
The CIELCh color `73, 29.652, 276.345` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `84, 29.919, 86.297`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 13.112, 247.784`, and `53, 29.800, 276.668` is the 20% darker color. If you saturate the color by 10%, you get `67, 38.594, 278.606`, and if you desaturate by 10%, it is `79, 20.860, 274.413`.

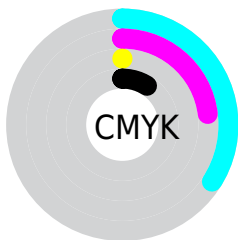
Distribution



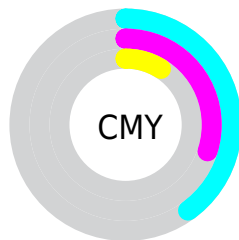
- Red (60%)
- Green (71%)
- Blue (91%)



- Red (60%)
- Yellow (68%)
- Blue (91%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)





- Cyan (40%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 29.652, 276.345 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, 29.652, 276.345 by changing the saturation by 10% instead.


 73, 29.652,
276.345


 73, 29.652,
276.345


 100, 29.652,
276.345


 63, 29.652,
276.345


 93, 29.652,
276.345

 53, 29.652,
276.345

 43, 29.652,
276.345

 33, 29.652,
276.345

 23, 29.652,
276.345

 13, 29.652,
276.345

 3, 29.652, 276.345

■ 0, 29.652, 276.345

■ 73, 29.652,
276.345

■ 73, 29.652,
276.345

■ 67, 38.594,
278.606

■ 79, 20.860,
274.413

■ 62, 47.718,
281.237

■ 84, 12.208,
272.770

■ 57, 57.063,
284.253

■ 90, 3.689, 271.408

■ 52, 66.666,
287.624

■ 95, 4.699, 90.060

■ 47, 76.524,
291.250

■ 99, 11.262,
109.326

■ 42, 86.508,
294.942

■ 40, 92.089,
296.906

Harmonies

Complementary

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



73, 29.652, 276.345



84, 29.919, 86.297

Rectangle

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



73, 29.652, 276.345



73, 29.652, 326.345



73, 29.652, 96.345



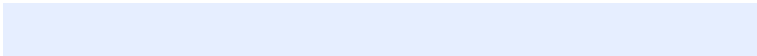
73, 29.652, 146.345

Sweetspot

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



73, 29.651, 276.344



94, 9.123, 272.143



87, 31.056, 169.102



49, 6.230, 272.343



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, 29.651, 276.344



75, 38.304, 277.853



67, 44.511, 299.345



46, 4.842, 272.063



31, 75.012, 296.307



6, 26.708, 288.770

Inverse Universe

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



72, 33.626, 357.304



74, 43.372, 358.382



90, 40.997, 113.481



46, 5.395, 354.246



38, 66.699, 17.555



7, 27.817, 7.086

Previews

White Background



This preview shows how the CIELCh color 73, 29.652, 276.345 looks on a white background.

Color Contrast Check

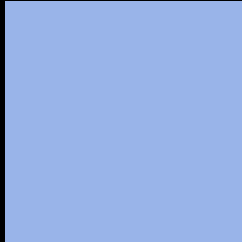
Large Text (above 18pt) WCAG AA × Fail

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, 29.652, 276.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

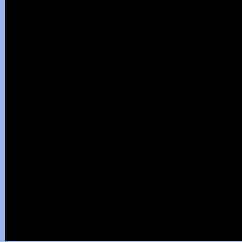
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

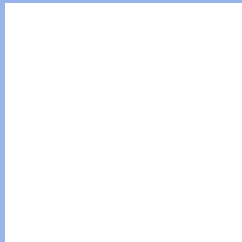
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 29.652, 276.345

Background



This preview shows how black text looks on a background with the CIELCh color 73, 29.652, 276.345.



This preview shows how white text looks on a background with the CIELCh color 73, 29.652, 276.345.

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

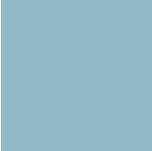
73, 29.652, 276.345

Protanopia

73, 29.464, 285.439

Deuteranopia

73, 31.557, 287.923



Tritanopia
73, 15.524, 227.977

Trichromacy



Original Color
73, 29.652, 276.345

Protanomaly
73, 29.632, 282.437

Deuteranomaly
73, 31.168, 284.337

Tritanomaly
73, 18.880, 252.833

Monochromacy



Original Color
73, 29.652, 276.345

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.827, 272.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 29.652, 276.345 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(153, 180, 233)` looks like.

```
.text, #text, p{  
    color:rgb(153, 180, 233)  
}
```

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(153, 180, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 180, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 29.652, 276.345 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(153, 180, 233) }
```

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

```
.border{ border-color:rgb(153, 180, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 180, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 180, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 180, 233);  
box-shadow:4px 4px 4px 4px rgb(153, 180,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 29.652, 276.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 180, 233) }
```

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

```
.background{ background-color: rgb(153,  
180, 233) }
```

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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