

Converting Colors

CIELCh(73, 41.352, 277.822)

Have a look what the booklet for
CIELCh(73, 41.352, 277.822)
contains.

CIELCh(73, 41.196, 277.757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 41.196, 277.757)

Conversions

Conversions Part 1

Format	Color
Hex	8CB4FE
RGB	140, 180, 254
RGB Percent	55%, 71%, 100%
CMY	0.4525, 0.2956, 0.0055
CMYK	0.45, 0.29, 0.00, 0.01
HSL	219°, 98%, 77%
HSV	219°, 45%, 99%
XYZ	44.8212, 45.1644, 99.7859
YIQ	176.4760, -47.5940, 14.5340

Conversions

Conversions Part 2

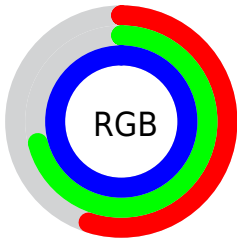
Format	Color
RYB	140, 170, 254
Decimal	9221374
CIELab	73.00, 5.56, -40.82
CIElCh	73, 41.196, 277.757
Yxy	45.1644, 0.2362, 0.2380
Android (android.graphics.Color)	4287411454 (0xFF8CB4FE)
YUV	176.4760, 38.2193, -31.9895
Hunter-Lab	67.2044, 1.4406, -40.9913

Details

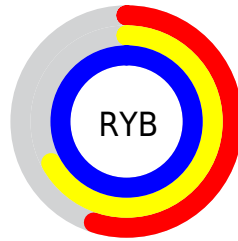
The CIELCh color **73, 41.196, 277.757** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **87, 41.914, 83.659**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.611, 238.076**, and **53, 40.955, 277.528** is the 20% darker color. If you saturate the color by 10%, you get **67, 50.762, 280.456**, and if you desaturate by 10%, it is **79, 31.799, 275.438**.

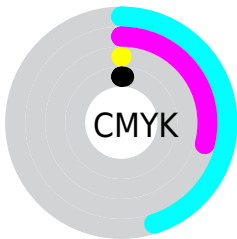
Distribution



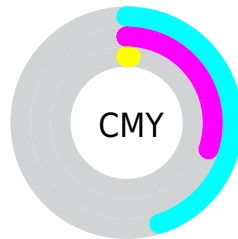
- Red (55%)
- Green (71%)
- Blue (100%)



- Red (55%)
- Yellow (67%)
- Blue (100%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)





- Cyan (45%)
- Magenta (30%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 41.196, 277.757 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, 41.196, 277.757 by changing the saturation by 10% instead.


 73, 41.196,
277.757


 73, 41.196,
277.757


 100, 41.196,
277.757


 63, 41.196,
277.757


 93, 41.196,
277.757

 53, 41.196,
277.757

 43, 41.196,
277.757

 33, 41.196,
277.757

 23, 41.196,
277.757

 13, 41.196,
277.757

 3, 41.196, 277.757

■ 0, 41.196, 277.757

■ 73, 41.196,
277.757

■ 73, 41.196,
277.757

■ 67, 50.762,
280.456

■ 79, 31.799,
275.438

■ 62, 60.545,
283.552

■ 85, 22.545,
273.461

■ 56, 70.590,
287.011

■ 91, 13.420,
271.781

■ 51, 80.902,
290.727

■ 97, 4.418, 270.384

■ 47, 91.364,
294.507

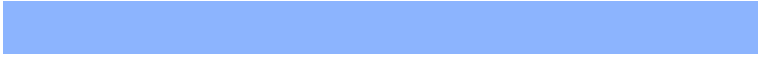
100, 0.698,
110.015

■ 45, 96.626,
296.316

Harmonies

Complementary

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



73, 41.196, 277.757



87, 41.914, 83.659

Rectangle

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



73, 41.196, 277.757



73, 41.196, 327.757



73, 41.196, 97.757



73, 41.196, 147.757

Sweetspot

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



73, 41.195, 277.757



92, 11.709, 271.486



92, 43.173, 166.666



48, 8.205, 271.822



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, 41.195, 277.757



68, 50.070, 280.188



64, 63.697, 300.255



50, 5.110, 270.981



34, 76.756, 295.672



9, 30.785, 290.379

Inverse Universe

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



72, 47.575, 358.120



67, 57.075, 359.912



96, 56.692, 111.969



50, 5.821, 353.362



40, 69.205, 16.521



10, 31.308, 8.910

Previews

White Background



This preview shows how the CIELCh color 73, 41.196, 277.757 looks on a white background.

Color Contrast Check

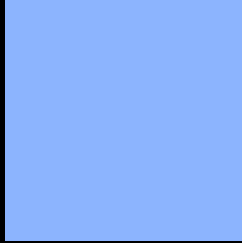
Large Text (above 18pt) WCAG AA × Fail

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, 41.196, 277.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

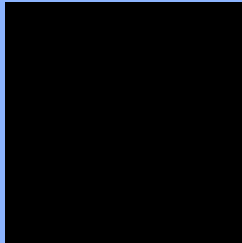
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

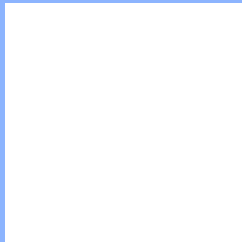
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 41.196, 277.757

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.196, 277.757.



This preview shows how white text looks on a background with the CIELCh color 73, 41.196, 277.757.

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

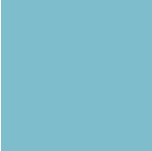
73, 41.196, 277.757

Protanopia

73, 40.930, 285.600

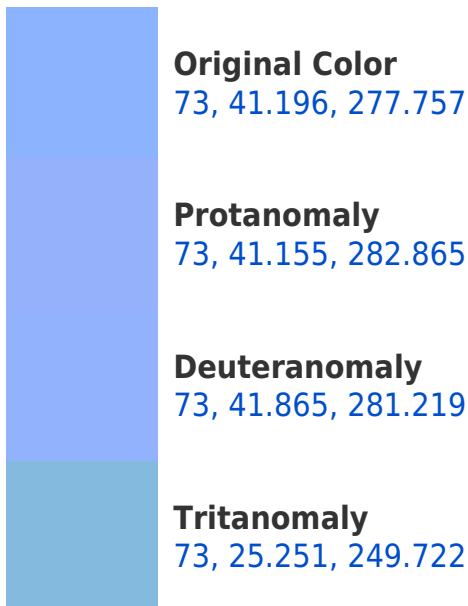
Deuteranopia

73, 42.202, 283.299



Tritanopia
73, 21.461, 220.493

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.196, 277.757 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(140, 180, 254)` looks like.

```
.text, #text, p{  
    color:rgb(140, 180, 254)  
}
```

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(140, 180, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 180, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.196, 277.757 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(140, 180, 254) }
```

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

```
.border{ border-color:rgb(140, 180, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 180, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 180, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 180, 254); box-shadow:4px 4px 4px 4px rgb(140, 180, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.196, 277.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 180, 254) }
```

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

```
.background{ background-color: rgb(140,  
180, 254) }
```

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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