

Converting Colors

CIELCh(79, 32.778, 274.516)

Have a look what the booklet for
CIELCh(79, 32.778, 274.516)
contains.

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Color

CIELCh(79, 32.239, 274.173)

Conversions

Conversions Part 1

Format	Color
Hex	A3C5FF
RGB	163, 197, 255
RGB Percent	64%, 77%, 100%
CMY	0.3608, 0.2275, 0.0001
CMYK	0.36, 0.23, 0.00, 0.00
HSL	218°, 100%, 82%
HSV	218°, 36%, 100%
XYZ	53.1102, 54.9284, 102.3961
YIQ	193.4460, -38.8820, 10.8300

Conversions

Conversions Part 2

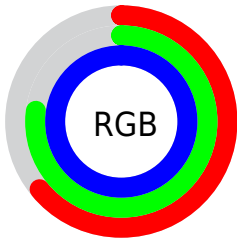
Format	Color
RYB	163, 188, 255
Decimal	10733055
CIELab	79.00, 2.35, -32.15
CIElCh	79, 32.239, 274.173
Yxy	54.9284, 0.2524, 0.2610
Android (android.graphics.Color)	4288923135 (0xFFA3C5FF)
YUV	193.4460, 30.3461, -26.7011
Hunter-Lab	74.1137, -1.7849, -30.0360

Details

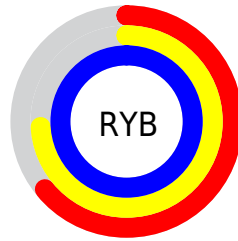
The CIELCh color **79, 32.239, 274.173** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **90, 33.060, 83.320**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 11.464, 201.307**, and **59, 32.396, 274.599** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.410, 276.559**, and if you desaturate by 10%, it is **85, 23.177, 272.139**.

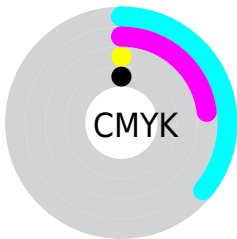
Distribution



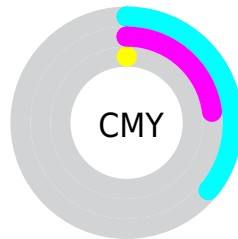
- Red (64%)
- Green (77%)
- Blue (100%)



- Red (64%)
- Yellow (74%)
- Blue (100%)



- Cyan (36%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.239, 274.173 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 79, 32.239, 274.173 by changing the saturation by 10% instead.


 79, 32.239,
274.173


 79, 32.239,
274.173


 100, 32.239,
274.173


 69, 32.239,
274.173


 99, 32.239,
274.173

 59, 32.239,
274.173

 49, 32.239,
274.173

 39, 32.239,
274.173

 29, 32.239,
274.173

 19, 32.239,
274.173

 9, 32.239, 274.173

■ 0, 32.239, 274.173

■ 79, 32.239,
274.173

■ 79, 32.239,
274.173

■ 73, 41.410,
276.559

■ 85, 23.177,
272.139

■ 68, 50.721,
279.338

■ 91, 14.215,
270.413

■ 62, 60.218,
282.524

■ 96, 5.350, 268.969

■ 57, 69.954,
286.082

100, 0.004,
311.987

■ 52, 79.949,
289.902

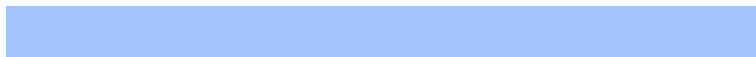
■ 48, 90.116,
293.782

■ 46, 94.108,
295.219

Harmonies

Complementary

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



79, 32.239, 274.173



90, 33.060, 83.320

Rectangle

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



79, 32.239, 274.173



79, 32.239, 324.173



79, 32.239, 94.173



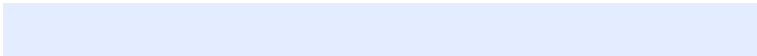
79, 32.239, 144.173

Sweetspot

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



79, 32.238, 274.172



94, 9.700, 269.642



94, 35.916, 166.754



49, 6.522, 269.841



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 32.238, 274.172



75, 38.574, 275.784



71, 50.448, 298.526



50, 5.010, 269.429



34, 74.417, 294.540



9, 29.855, 289.086

Inverse Universe

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



77, 38.572, 355.402



73, 46.041, 356.496



97, 46.130, 111.880



50, 5.882, 352.158



41, 68.809, 14.752



10, 31.285, 7.384

Previews

White Background



This preview shows how the CIELCh color 79, 32.239, 274.173 looks on a white background.

Color Contrast Check

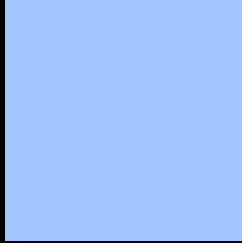
Large Text (above 18pt) WCAG AA × Fail

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 79, 32.239, 274.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

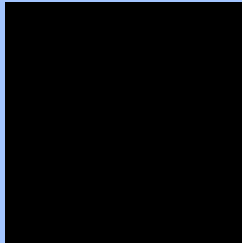
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

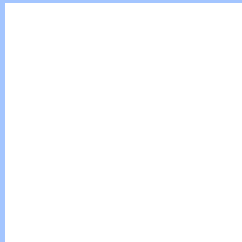
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 32.239, 274.173

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.239, 274.173.



This preview shows how white text looks on a background with the CIELCh color 79, 32.239, 274.173.

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

79, 32.239, 274.173

Protanopia

79, 31.673, 285.532

Deuteranopia

79, 33.755, 287.294



Tritanopia
79, 17.875, 229.171

Trichromacy



Original Color
79, 32.239, 274.173

Protanomaly
79, 31.926, 281.714

Deuteranomaly
79, 32.963, 282.216

Tritanomaly
79, 21.479, 251.908

Monochromacy



Original Color
79, 32.239, 274.173

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.386, 271.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.239, 274.173 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(163, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 197, 255)  
}
```

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(163, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 197, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.239, 274.173 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(163, 197, 255) }
```

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

```
.border{ border-color:rgb(163, 197, 255) }
```

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

Here you see how a box with a 4 pixel rgb(163, 197, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 197,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.239, 274.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 197, 255) }
```

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

```
.background{ background-color: rgb(163,  
197, 255) }
```

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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