

Converting Colors

CIELCh(80, 61.671, 286.878)

Have a look what the booklet for
CIELCh(80, 61.671, 286.878)
contains.

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Color

CIELCh(78, 34.410, 275.332)

Conversions

Conversions Part 1

Format	Color
Hex	9FC2FF
RGB	159, 194, 255
RGB Percent	62%, 76%, 100%
CMY	0.3766, 0.2394, 0.0000
CMYK	0.38, 0.24, 0.00, 0.00
HSL	218°, 100%, 81%
HSV	218°, 38%, 100%
XYZ	51.7833, 53.2120, 102.9984
YIQ	190.4890, -40.4410, 11.5510

Conversions

Conversions Part 2

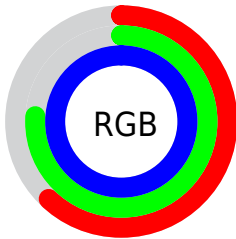
Format	Color
RYB	159, 185, 255
Decimal	10470143
CIELab	78.00, 3.20, -34.26
CIElCh	78, 34.410, 275.332
Yxy	53.2120, 0.2490, 0.2558
Android (android.graphics.Color)	4288660223 (0xFF9FC2FF)
YUV	190.4890, 31.8039, -27.6159
Hunter-Lab	72.9466, -0.9428, -32.6532

Details

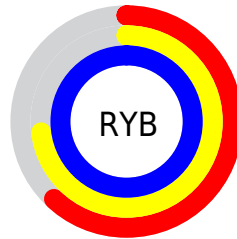
The CIELCh color `78, 34.410, 275.332` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `89, 34.706, 83.561`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 11.629, 211.539`, and `58, 33.649, 274.706` is the 20% darker color. If you saturate the color by 10%, you get `72, 43.184, 277.405`, and if you desaturate by 10%, it is `84, 24.759, 272.885`.

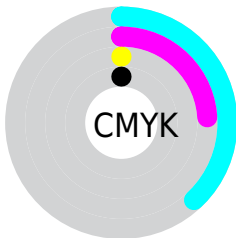
Distribution



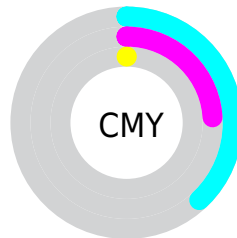
- Red (62%)
- Green (76%)
- Blue (100%)



- Red (62%)
- Yellow (73%)
- Blue (100%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (38%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.410, 275.332 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 78, 34.410, 275.332 by changing the saturation by 10% instead.


 78, 34.410,
275.332


 78, 34.410,
275.332


 100, 34.410,
275.332


 68, 34.410,
275.332


 98, 34.410,
275.332

 58, 34.410,
275.332

 48, 34.410,
275.332

 38, 34.410,
275.332

 28, 34.410,
275.332

 18, 34.410,
275.332

 8, 34.410, 275.332

■ 0, 34.410, 275.332

■ 78, 34.410,
275.332

■ 78, 34.410,
275.332

■ 72, 43.184,
277.405

■ 84, 24.759,
272.885

■ 67, 52.615,
280.238

■ 90, 15.717,
271.117

■ 61, 62.251,
283.473

■ 96, 6.781, 269.629

■ 56, 72.141,
287.064

100, 0.012,
296.813

■ 51, 82.286,
290.884

■ 47, 92.560,
294.710

■ 46, 94.963,
295.545

Harmonies

Complementary

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



78, 34.410, 275.332



89, 34.706, 83.561

Rectangle

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



78, 34.410, 275.332



78, 34.410, 325.332



78, 34.410, 95.332



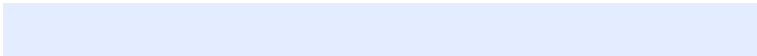
78, 34.410, 145.332

Sweetspot

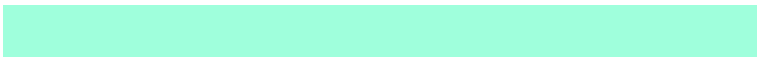
The Sweet Spot groups the original color and five complimentary colors.



78, 33.909, 274.966



94, 9.755, 270.095



93, 36.893, 167.606



49, 6.559, 270.293



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 33.909, 274.966



74, 40.704, 276.719



70, 52.853, 299.256



50, 5.038, 269.882



34, 75.091, 294.874



9, 30.122, 289.465

Inverse Universe

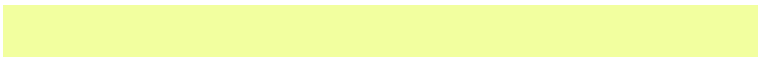
The Inverse Universe completely reimagines the original color for something new.



76, 40.200, 356.001



72, 48.069, 357.210



97, 48.140, 112.495



50, 5.864, 352.502



40, 68.915, 15.263



10, 31.289, 7.830

Previews

White Background



This preview shows how the CIE LCh color 78, 34.410, 275.332 looks on a white background.

Color Contrast Check

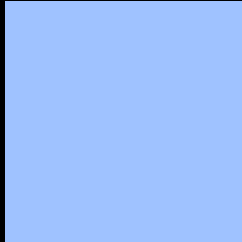
Large Text (above 18pt) WCAG AA × Fail

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 78, 34.410, 275.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

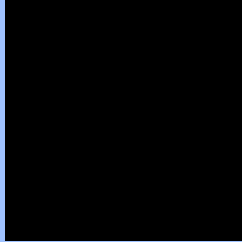
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

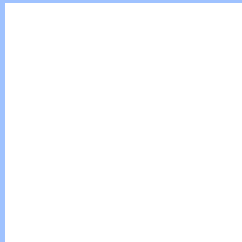
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 34.410, 275.332

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.410, 275.332.



This preview shows how white text looks on a background with the CIELCh color 78, 34.410, 275.332.

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

78, 33.884, 274.936

Protanopia

78, 33.406, 285.093

Deuteranopia

78, 35.485, 286.814



Tritanopia
78, 18.462, 226.188

Trichromacy



Original Color
78, 33.884, 274.936

Protanomaly
78, 33.667, 281.531

Deuteranomaly
78, 34.658, 282.510

Tritanomaly
78, 22.254, 251.769

Monochromacy



Original Color
78, 33.884, 274.936

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.923, 272.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.410, 275.332 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(159, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 194, 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(159, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 194, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.410, 275.332 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(159, 194, 255) }
```

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

```
.border{ border-color:rgb(159, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 194,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.410, 275.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 194, 255) }
```

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

```
.background{ background-color: rgb(159,  
194, 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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