

Converting Colors

CIELCh(78, 33.737, 275.647)

Have a look what the booklet for
CIELCh(78, 33.737, 275.647)
contains.

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Color

CIELCh(78, 33.810, 275.395)

Conversions

Conversions Part 1

Format	Color
Hex	A0C2FF
RGB	160, 194, 255
RGB Percent	63%, 76%, 100%
CMY	0.3730, 0.2396, 0.0004
CMYK	0.37, 0.24, 0.00, 0.00
HSL	219°, 100%, 81%
HSV	219°, 37%, 100%
XYZ	51.7762, 53.2120, 102.0556
YIQ	190.7880, -39.8450, 11.7630

Conversions

Conversions Part 2

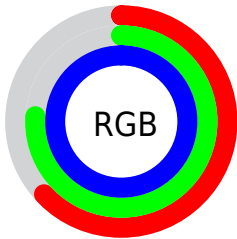
Format	Color
R _Y B	160, 185, 255
Decimal	10535679
CIE Lab	78.00, 3.18, -33.66
CIE LCh	78, 33.810, 275.395
Yxy	53.2120, 0.2501, 0.2570
Android (android.graphics.Color)	4288725759 (0xFFA0C2FF)
YUV	190.7880, 31.6565, -27.0011
Hunter-Lab	72.9466, -0.9603, -31.8869

Details

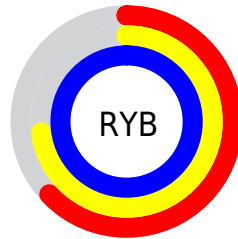
The CIELCh color **78, 33.810, 275.395** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **90, 34.481, 84.160**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.315, 211.919**, and **58, 33.577, 275.139** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.173, 277.810**, and if you desaturate by 10%, it is **84, 24.580, 273.334**.

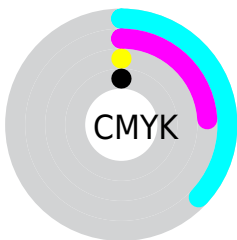
Distribution



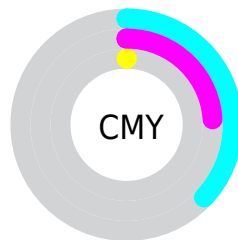
- Red (63%)
- Green (76%)
- Blue (100%)



- Red (63%)
- Yellow (73%)
- Blue (100%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.810, 275.395 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, 33.810, 275.395 by changing the saturation by 10% instead.


 78, 33.810,
275.395


 78, 33.810,
275.395


 100, 33.810,
275.395


 68, 33.810,
275.395


 98, 33.810,
275.395

 58, 33.810,
275.395

 48, 33.810,
275.395

 38, 33.810,
275.395

 28, 33.810,
275.395

 18, 33.810,
275.395

 8, 33.810, 275.395

■ 0, 33.810, 275.395

■ 78, 33.810,
275.395

■ 78, 33.810,
275.395

■ 72, 43.173,
277.810

■ 84, 24.580,
273.334

■ 67, 52.704,
280.615

■ 90, 15.470,
271.582

■ 61, 62.451,
283.819

■ 96, 6.475, 270.109

■ 56, 72.460,
287.375

100, 0.044,
108.438

■ 51, 82.725,
291.161

■ 46, 93.108,
294.956

■ 45, 95.935,
295.923

Harmonies

Complementary

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



78, 33.810, 275.395



90, 34.481, 84.160

Rectangle

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



78, 33.810, 275.395



78, 33.810, 325.395



78, 33.810, 95.395



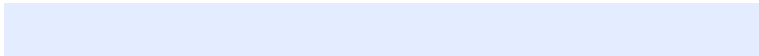
78, 33.810, 145.395

Sweetspot

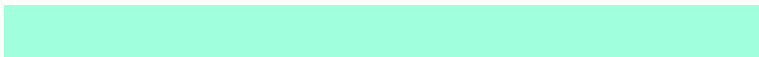
The Sweet Spot groups the original color and five complimentary colors.



78, 33.809, 275.394



93, 9.822, 270.625



93, 36.525, 167.655



49, 6.605, 270.823



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, 33.809, 275.394



74, 41.050, 277.229



70, 52.246, 299.204



50, 5.073, 270.413



34, 75.890, 295.261



9, 30.439, 289.908

Inverse Universe

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



76, 39.659, 356.371



72, 47.959, 357.651



97, 47.644, 112.525



50, 5.843, 352.913



40, 69.049, 15.867



10, 31.297, 8.352

Previews

White Background



This preview shows how the CIELCh color 78, 33.810, 275.395 looks on a white background.

Color Contrast Check

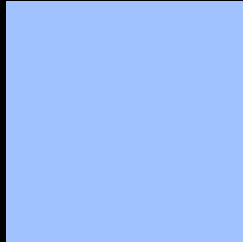
Large Text (above 18pt) WCAG AA × Fail

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, 33.810, 275.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

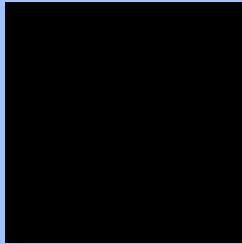
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

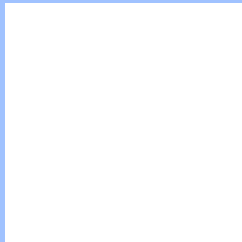
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 33.810, 275.395

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.810, 275.395.



This preview shows how white text looks on a background with the CIELCh color 78, 33.810, 275.395.

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, 33.810, 275.395

Protanopia

78, 33.373, 285.610

Deuteranopia

78, 35.485, 286.814



Tritanopia
78, 18.201, 226.636

Trichromacy



Original Color
78, 33.810, 275.395

Protanomaly
78, 33.619, 282.027

Deuteranomaly
78, 34.658, 282.510

Tritanomaly
78, 22.081, 252.374

Monochromacy



Original Color
78, 33.810, 275.395

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.409, 271.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.810, 275.395 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(160, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 194, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.810, 275.395 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(160, 194, 255) }
```

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

```
.border{ border-color:rgb(160, 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(160, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 194,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.810, 275.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 194, 255) }
```

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

```
.background{ background-color: rgb(160,  
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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