

Converting Colors

CIELCh(80, 41.087, 277.684)

Have a look what the booklet for
CIELCh(80, 41.087, 277.684)
contains.

CIELCh(79, 31.640, 270.850)	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(79, 31.640, 270.850)

Conversions

Conversions Part 1	
Format	Color
Hex	9FC6FE
RGB	159, 198, 254
RGB Percent	62%, 78%, 100%
CMY	0.3764, 0.2234, 0.0040
CMYK	0.37, 0.22, 0.00, 0.00
HSL	215°, 98%, 81%
HSV	215°, 37%, 100%
XYZ	52.3875, 54.9284, 101.5877
YIQ	192.7230, -41.2200, 9.1480

Conversions

Conversions Part 2

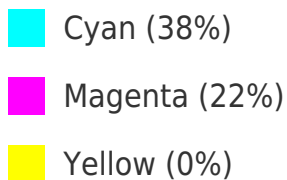
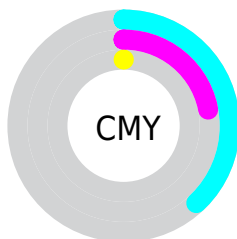
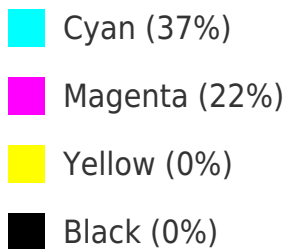
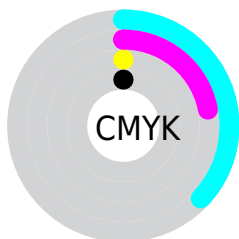
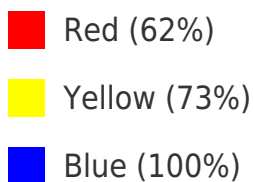
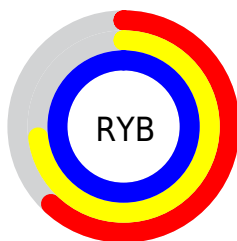
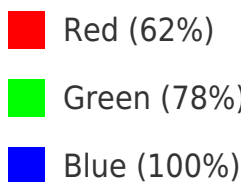
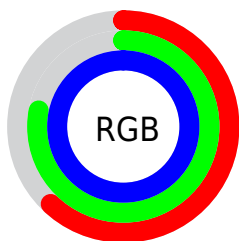
Format	Color
RYB	159, 187, 254
Decimal	10471166
CIELab	79.00, 0.47, -31.64
CIELCh	79, 31.640, 270.850
Yxy	54.9284, 0.2508, 0.2629
Android (android.graphics.Color)	4288661246 (0xFF9FC6FE)
YUV	192.7230, 30.2096, -29.5751
Hunter-Lab	74.1137, -3.5256, -29.3893

Details

The CIELCh color **79, 31.640, 270.850** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **88, 33.244, 79.427**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **59, 31.738, 271.309** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.177, 273.336**, and if you desaturate by 10%, it is **84, 23.134, 268.737**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 31.640, 270.850 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, 31.640, 270.850 by changing the saturation by 10% instead.


 79, 31.640,
270.850

 79, 31.640,
270.850


 100, 31.640,
270.850


 69, 31.640,
270.850


 99, 31.640,
270.850

 59, 31.640,
270.850

 49, 31.640,
270.850

 39, 31.640,
270.850

 29, 31.640,
270.850

 19, 31.640,
270.850

 9, 31.640, 270.850

■ 0, 31.640, 270.850

■ 79, 31.640,
270.850

■ 79, 31.640,
270.850

■ 74, 40.177,
273.336

■ 84, 23.134,
268.737

■ 68, 48.772,
276.240

■ 90, 14.658,
266.950

■ 63, 57.472,
279.578

■ 96, 6.217, 265.456

■ 58, 66.344,
283.317

100, 0.507,
109.987

■ 54, 75.446,
287.344

■ 49, 84.768,
291.452

■ 48, 87.233,
292.466

Harmonies

Complementary

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



79, 31.640, 270.850



88, 33.244, 79.427

Rectangle

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



79, 31.640, 270.850



79, 31.640, 320.850



79, 31.640, 90.850



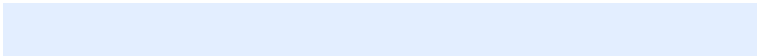
79, 31.640, 140.850

Sweetspot

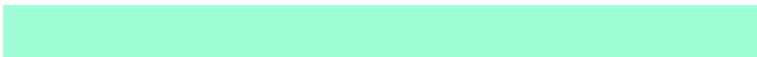
The Sweet Spot groups the original color and five complimentary colors.



79, 31.639, 270.849



94, 9.290, 265.961



93, 38.021, 164.577



49, 6.244, 266.161



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, 31.639, 270.849



75, 38.258, 272.708



70, 52.207, 297.675



50, 4.800, 265.746



37, 69.201, 291.744



10, 27.823, 285.933

Inverse Universe

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



76, 40.618, 352.861



72, 48.976, 354.034



97, 47.482, 110.297



50, 6.028, 349.566



41, 68.206, 10.753



10, 31.325, 3.869

Previews

White Background



This preview shows how the CIELCh color 79, 31.640, 270.850 looks on a white background.

Color Contrast Check

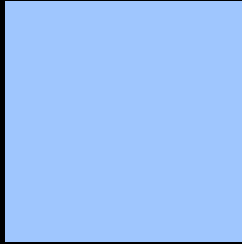
Large Text (above 18pt) WCAG AA × Fail

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, 31.640, 270.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

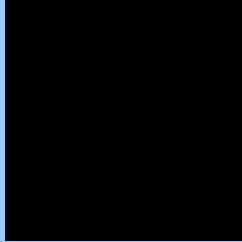
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

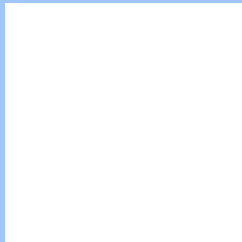
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 31.640, 270.850

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.640, 270.850.



This preview shows how white text looks on a background with the CIELCh color 79, 31.640, 270.850.

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, 31.665, 270.882

Protanopia

79, 30.622, 285.147

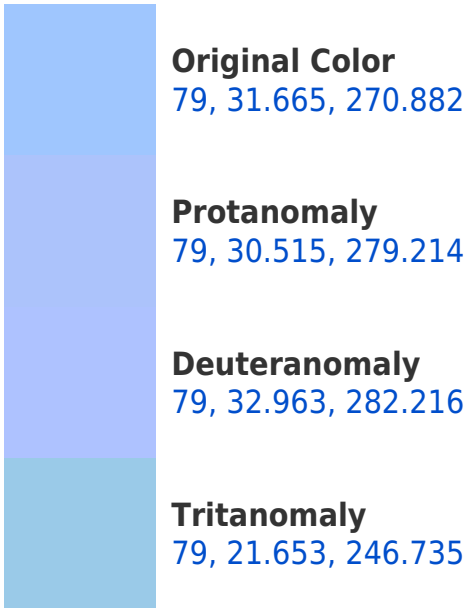
Deuteranopia

79, 33.732, 287.813



Tritanopia
79, 18.961, 225.291

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.640, 270.850 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, 198, 254)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 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(159, 198, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.640, 270.850 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, 198, 254) }
```

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

```
.border{ border-color:rgb(159, 198, 254) }
```

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

Here you see how a box with a 4 pixel rgb(159, 198, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 198, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 198, 254);  
box-shadow:4px 4px 4px 4px rgb(159, 198,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.640, 270.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 254) }
```

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

```
.background{ background-color: rgb(159,  
198, 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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