

Converting Colors

CIELCh(80, 30.623, 270.074)

Have a look what the booklet for
CIELCh(80, 30.623, 270.074)
contains.

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Color

CIELCh(80, 30.636, 269.853)

Conversions

Conversions Part 1

Format	Color
Hex	A2C9FF
RGB	162, 201, 255
RGB Percent	64%, 79%, 100%
CMY	0.3647, 0.2117, 0.0000
CMYK	0.36, 0.21, 0.00, 0.00
HSL	215°, 100%, 82%
HSV	215°, 36%, 100%
XYZ	53.8432, 56.6813, 102.7202
YIQ	195.4950, -40.5780, 8.5260

Conversions

Conversions Part 2

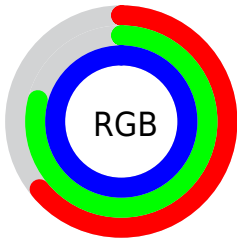
Format	Color
R _Y B	162, 189, 255
Decimal	10668543
CIE Lab	80.00, -0.08, -30.64
CIE LCh	80, 30.636, 269.853
Yxy	56.6813, 0.2525, 0.2658
Android (android.graphics.Color)	4288858623 (0xFFA2C9FF)
YUV	195.4950, 29.3360, -29.3751
Hunter-Lab	75.2870, -4.0939, -28.1933

Details

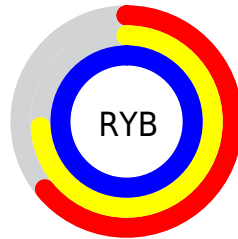
The CIELCh color `80, 30.636, 269.853` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `88, 32.305, 78.757`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 12.126, 198.696`, and `60, 30.648, 270.077` is the 20% darker color. If you saturate the color by 10%, you get `75, 39.067, 272.305`, and if you desaturate by 10%, it is `85, 22.206, 267.760`.

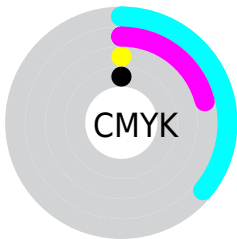
Distribution



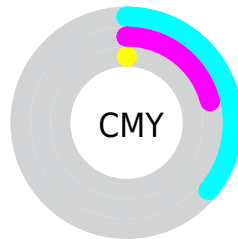
- Red (64%)
- Green (79%)
- Blue (100%)



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



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (21%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 30.636, 269.853 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 80, 30.636, 269.853 by changing the saturation by 10% instead.


 80, 30.636,
269.853


 80, 30.636,
269.853


 100, 30.636,
269.853


 70, 30.636,
269.853

 60, 30.636,
269.853

 50, 30.636,
269.853

 40, 30.636,
269.853

 30, 30.636,
269.853

 20, 30.636,
269.853

 10, 30.636,

269.853

■ 0, 30.636, 269.853

■ 80, 30.636,
269.853

■ 80, 30.636,
269.853

■ 75, 39.067,
272.305

■ 85, 22.206,
267.760

■ 69, 47.541,
275.184

■ 91, 13.797,
265.997

■ 64, 56.095,
278.503

■ 96, 5.412, 264.531

■ 59, 64.798,
282.236

100, 0.012,
296.813

■ 55, 73.718,
286.283

■ 51, 82.869,
290.450

■ 49, 86.155,
291.854

Harmonies

Complementary

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



80, 30.636, 269.853



88, 32.305, 78.757

Rectangle

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



80, 30.636, 269.853



80, 30.636, 319.853



80, 30.636, 89.853



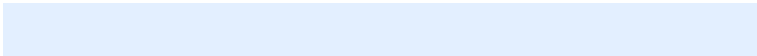
80, 30.636, 139.853

Sweetspot

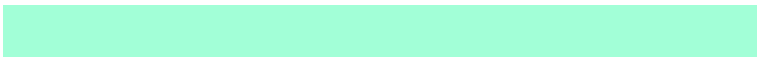
The Sweet Spot groups the original color and five complimentary colors.



80, 30.629, 269.846



94, 9.210, 265.157



93, 37.760, 163.720



49, 6.190, 265.357



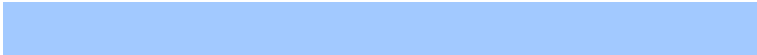
0, 0.000, 0.000



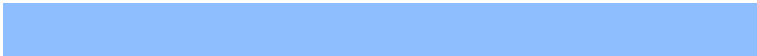
53, 0.007, 296.813

Same Dimension

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



80, 30.629, 269.846



76, 36.985, 271.662



70, 50.970, 297.027



50, 4.760, 264.943



37, 68.125, 291.113



10, 27.410, 285.228

Inverse Universe

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



77, 39.904, 352.178



73, 48.095, 353.304



98, 46.465, 109.629



50, 6.059, 349.044



41, 68.130, 9.918



10, 31.350, 3.145

Previews

White Background



This preview shows how the CIELCh color 80, 30.636, 269.853 looks on a white background.

Color Contrast Check

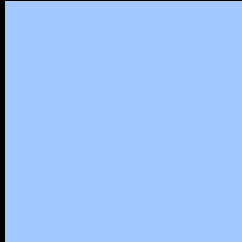
Large Text (above 18pt) WCAG AA × Fail

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 80, 30.636, 269.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

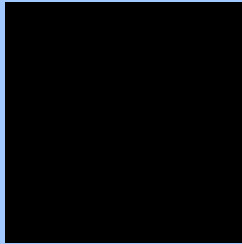
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

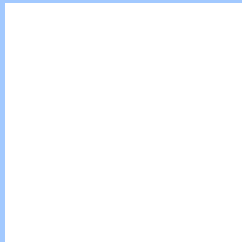
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 30.636, 269.853

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.636, 269.853.



This preview shows how white text looks on a background with the CIELCh color 80, 30.636, 269.853.

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



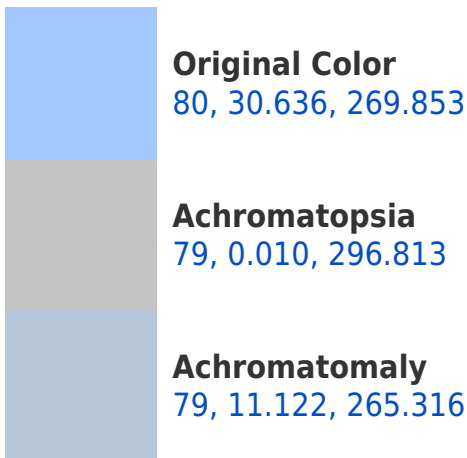


Tritanopia
80, 18.940, 225.252

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.636, 269.853 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(162, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 201, 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(162, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 201, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.636, 269.853 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(162, 201, 255) }
```

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

```
.border{ border-color:rgb(162, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 201,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.636, 269.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 201, 255) }
```

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

```
.background{ background-color: rgb(162,  
201, 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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