

Converting Colors

CIELCh(81, 29.452, 271.138)

Have a look what the booklet for
CIELCh(81, 29.452, 271.138)
contains.

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Color

CIELCh(81, 29.250, 270.901)

Conversions

Conversions Part 1	
Format	Color
Hex	A8CBFF
RGB	168, 203, 255
RGB Percent	66%, 80%, 100%
CMY	0.3399, 0.2026, 0.0000
CMYK	0.34, 0.20, 0.00, 0.00
HSL	216°, 100%, 83%
HSV	216°, 34%, 100%
XYZ	55.7586, 58.4711, 103.2468
YIQ	198.4630, -37.5520, 8.7520

Conversions

Conversions Part 2

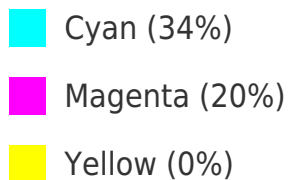
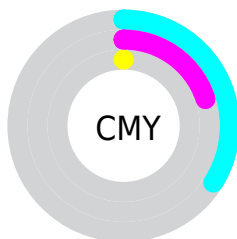
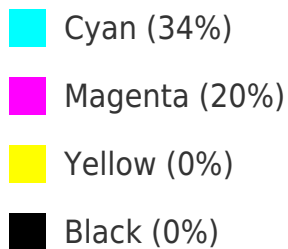
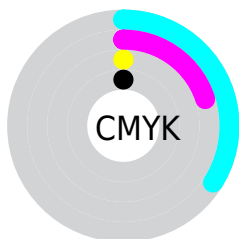
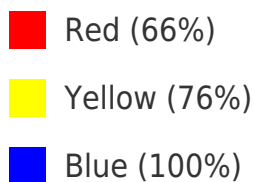
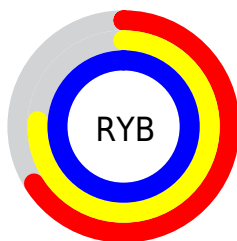
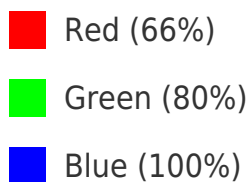
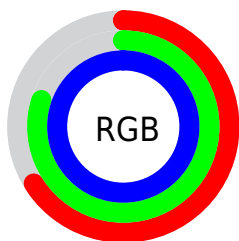
Format	Color
RYB	168, 193, 255
Decimal	11062271
CIELab	81.00, 0.46, -29.25
CIELCh	81, 29.250, 270.901
Yxy	58.4711, 0.2564, 0.2689
Android (android.graphics.Color)	4289252351 (0xFFA8CBFF)
YUV	198.4630, 27.8727, -26.7161
Hunter-Lab	76.4664, -3.6555, -26.5283

Details

The CIELCh color **81, 29.250, 270.901** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **90, 30.304, 80.548**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **61, 29.226, 270.846** is the 20% darker color. If you saturate the color by 10%, you get **75, 37.734, 273.082**, and if you desaturate by 10%, it is **87, 20.473, 268.742**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 29.250, 270.901 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 81, 29.250, 270.901 by changing the saturation by 10% instead.


 81, 29.250,
270.901


 81, 29.250,
270.901


 100, 29.250,
270.901


 71, 29.250,
270.901

 61, 29.250,
270.901

 51, 29.250,
270.901

 41, 29.250,
270.901

 31, 29.250,
270.901

 21, 29.250,
270.901

 11, 29.250,

270.901

■ 1, 29.250, 270.901

■ 0, 29.250, 270.901

■ 81, 29.250,
270.901

■ 81, 29.250,
270.901

■ 75, 37.734,
273.082

■ 87, 20.473,
268.742

■ 70, 46.447,
275.831

■ 92, 11.906,
267.057

■ 65, 55.262,
279.009


■ 98, 3.389, 265.686


■ 60, 64.241,
282.600

100, 0.012,
296.813

■ 55, 73.445,

286.520

 51, 82.882,
290.596

 48, 88.640,
292.970

Harmonies

Complementary

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



81, 29.250, 270.901



90, 30.304, 80.548

Rectangle

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



81, 29.250, 270.901



81, 29.250, 320.901



81, 29.250, 90.901



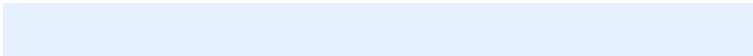
81, 29.250, 140.901

Sweetspot

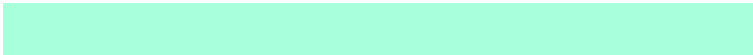
The Sweet Spot groups the original color and five complimentary colors.



81, 29.082, 270.734



94, 8.505, 266.465



94, 34.851, 164.991



50, 5.804, 266.669



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 29.082, 270.734



77, 35.145, 272.341



73, 47.275, 297.187



50, 4.835, 266.395



36, 70.087, 292.248



10, 28.164, 286.497

Inverse Universe

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



78, 36.878, 352.840



74, 44.544, 353.861



98, 43.445, 110.577



50, 6.002, 349.998



41, 68.281, 11.438



10, 31.308, 4.465

Previews

White Background



This preview shows how the CIE LCh color 81, 29.250, 270.901 looks on a white background.

Color Contrast Check

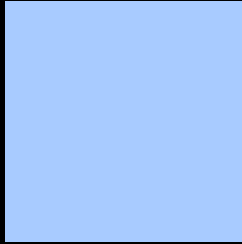
Large Text (above 18pt) WCAG AA × Fail

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 81, 29.250, 270.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

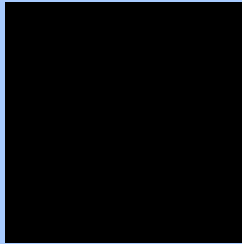
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

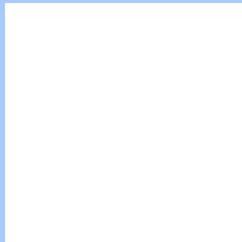
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 29.250, 270.901

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.250, 270.901.



This preview shows how white text looks on a background with the CIELCh color 81, 29.250, 270.901.

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

81, 29.250, 270.901

Protanopia

81, 28.296, 285.469

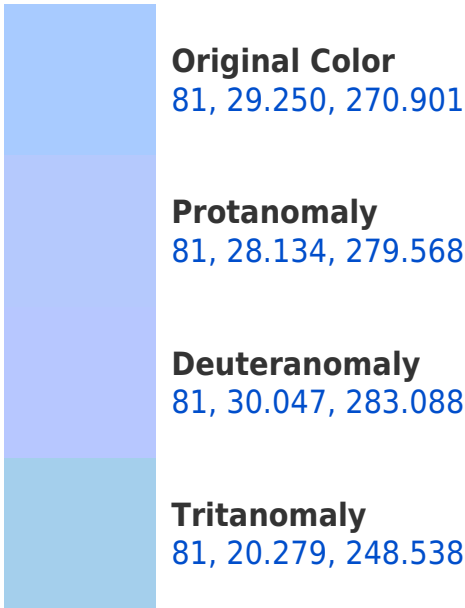
Deuteranopia

81, 30.872, 289.299



Tritanopia
81, 17.618, 227.476

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.250, 270.901 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(168, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 203, 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(168, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 203, 255) }
```

Border

The CSS property to change the border of an element to CIElCh 81, 29.250, 270.901 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(168, 203, 255) }
```

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

```
.border{ border-color:rgb(168, 203, 255) }
```

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

Here you see how a box with a 4 pixel rgb(168, 203, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 203,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.250, 270.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 203, 255) }
```

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

```
.background{ background-color: rgb(168,  
203, 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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