

Converting Colors

CIELCh(79, 27.040, 278.501)

Have a look what the booklet for
CIELCh(79, 27.040, 278.501)
contains.

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Color

CIELCh(79, 27.256, 279.033)

Conversions

Conversions Part 1

Format	Color
Hex	AFC3F5
RGB	175, 195, 245
RGB Percent	69%, 76%, 96%
CMY	0.3125, 0.2341, 0.0380
CMYK	0.29, 0.20, 0.00, 0.04
HSL	223°, 78%, 82%
HSV	223°, 29%, 96%
XYZ	53.8617, 54.9284, 94.4056
YIQ	194.7200, -27.9700, 11.3100

Conversions

Conversions Part 2

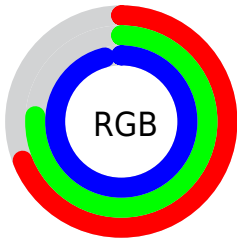
Format	Color
RYB	175, 191, 245
Decimal	11518965
CIELab	79.00, 4.28, -26.92
CIELCh	79, 27.256, 279.033
Yxy	54.9284, 0.2651, 0.2703
Android (android.graphics.Color)	4289709045 (0xFFAFC3F5)
YUV	194.7200, 24.7880, -17.2944
Hunter-Lab	74.1137, 0.0250, -23.6437

Details

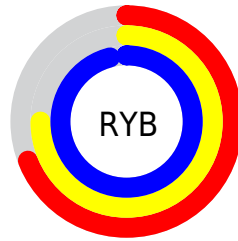
The CIELCh color `79, 27.256, 279.033` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `90, 26.994, 91.154`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 6.762, 216.737`, and `59, 27.719, 279.790` is the 20% darker color. If you saturate the color by 10%, you get `73, 37.228, 281.039`, and if you desaturate by 10%, it is `85, 17.513, 277.319`.

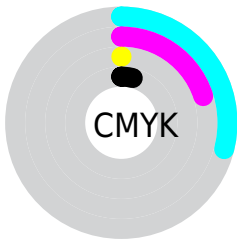
Distribution



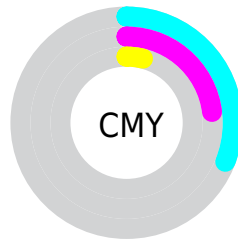
- Red (69%)
- Green (76%)
- Blue (96%)



- Red (69%)
- Yellow (75%)
- Blue (96%)



- Cyan (29%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)





- Cyan (31%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 27.256, 279.033 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, 27.256, 279.033 by changing the saturation by 10% instead.


 79, 27.256,
279.033

 79, 27.256,
279.033


 100, 27.256,
279.033


 69, 27.256,
279.033


 99, 27.256,
279.033

 59, 27.256,
279.033

 49, 27.256,
279.033

 39, 27.256,
279.033

 29, 27.256,
279.033

 19, 27.256,
279.033

 9, 27.256, 279.033

■ 0, 27.256, 279.033

■ 79, 27.256,
279.033

■ 79, 27.256,
279.033

■ 73, 37.228,
281.039

■ 85, 17.513,
277.319

■ 67, 47.463,
283.380

■ 91, 7.986, 275.868

■ 61, 57.997,
286.080

■ 98, 1.340, 94.395

■ 55, 68.859,
289.128

■ 100, 4.897,
109.796

■ 50, 80.027,
292.452

■ 45, 91.329,
295.893

■ 40,102.334,
299.190

■ 40,103.886,
299.625

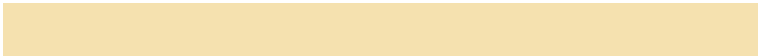
Harmonies

Complementary

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



79, 27.256, 279.033



90, 26.994, 91.154

Rectangle

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



79, 27.256, 279.033



79, 27.256, 329.033



79, 27.256, 99.033



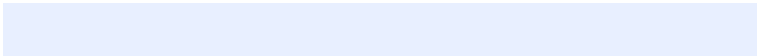
79, 27.256, 149.033

Sweetspot

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



79, 27.255, 279.032



94, 8.689, 275.931



92, 26.203, 173.139



49, 6.046, 276.129



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, 27.255, 279.032



78, 33.715, 280.103



75, 38.250, 300.362



48, 5.311, 275.994



30, 83.009, 299.063



6, 31.373, 293.050

Inverse Universe

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



79, 28.375, 0.125



78, 35.148, 0.938



94, 35.879, 116.022



48, 5.441, 357.813



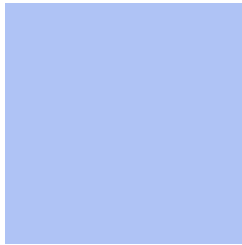
39, 69.728, 22.429



9, 29.712, 12.111

Previews

White Background



This preview shows how the CIELCh color 79, 27.256, 279.033 looks on a white background.

Color Contrast Check

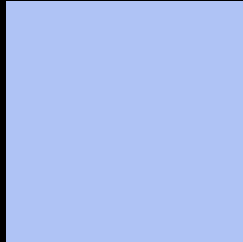
Large Text (above 18pt) WCAG AA × Fail

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, 27.256, 279.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

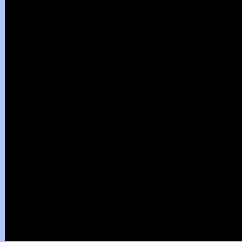
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.256, 279.033

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.256, 279.033.



This preview shows how white text looks on a background with the CIELCh color 79, 27.256, 279.033.

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, 27.256, 279.033

Protanopia

79, 27.368, 285.823

Deuteranopia

79, 28.871, 290.163



Tritanopia
79, 13.328, 238.915

Trichromacy



Original Color
79, 27.256, 279.033

Protanomaly
79, 26.964, 282.936

Deuteranomaly
79, 28.423, 286.197

Tritanomaly
79, 17.624, 261.076

Monochromacy



Original Color
79, 27.256, 279.033

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 9.880, 276.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.256, 279.033 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(175, 195, 245)` looks like.

```
.text, #text, p{  
    color:rgb(175, 195, 245)  
}
```

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(175, 195, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 195, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.256, 279.033 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(175, 195, 245) }
```

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

```
.border{ border-color:rgb(175, 195, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 195, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 195, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 195, 245);  
box-shadow:4px 4px 4px 4px rgb(175, 195,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.256, 279.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 195, 245) }
```

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

```
.background{ background-color: rgb(175,  
195, 245) }
```

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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