

Converting Colors

CIELCh(78, 35.057, 287.870)

Have a look what the booklet for
CIELCh(78, 35.057, 287.870)
contains.

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Color

CIELCh(78, 35.416, 288.279)

Conversions

Conversions Part 1

Format	Color
Hex	B3BDFF
RGB	179, 189, 255
RGB Percent	70%, 74%, 100%
CMY	0.2979, 0.2587, 0.0000
CMYK	0.30, 0.26, 0.00, 0.00
HSL	232°, 100%, 85%
HSV	232°, 30%, 100%
XYZ	54.8512, 53.2120, 102.0067
YIQ	193.5340, -27.1460, 18.4060

Conversions

Conversions Part 2

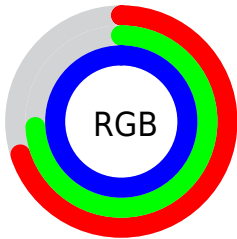
Format	Color
RYB	179, 188, 255
Decimal	11779583
CIELab	78.00, 11.11, -33.63
CIElCh	78, 35.416, 288.279
Yxy	53.2120, 0.2611, 0.2533
Android (android.graphics.Color)	4289969663 (0xFFB3BDFF)
YUV	193.5340, 30.3027, -12.7463
Hunter-Lab	72.9466, 6.5643, -31.8471

Details

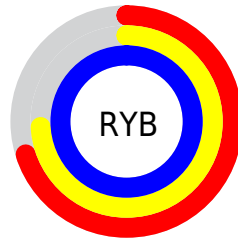
The CIELCh color **78, 35.416, 288.279** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96, 33.649, 100.922**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 5.933, 259.263**, and **58, 35.320, 288.026** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.176, 290.124**, and if you desaturate by 10%, it is **85, 23.103, 286.698**.

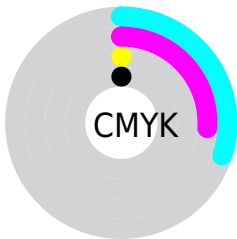
Distribution



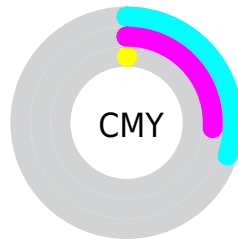
- Red (70%)
- Green (74%)
- Blue (100%)



- Red (70%)
- Yellow (74%)
- Blue (100%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (26%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.416, 288.279 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, 35.416, 288.279 by changing the saturation by 10% instead.


 78, 35.416,
288.279


 78, 35.416,
288.279


 100, 35.416,
288.279


 68, 35.416,
288.279


 98, 35.416,
288.279

 58, 35.416,
288.279

 48, 35.416,
288.279

 38, 35.416,
288.279

 28, 35.416,
288.279

 18, 35.416,
288.279

 8, 35.416, 288.279

■ 0, 35.416, 288.279

■ 78, 35.416,
288.279

■ 78, 35.416,
288.279

■ 71, 48.176,
290.124

■ 85, 23.103,
286.698

■ 63, 61.455,
292.268

■ 93, 11.240,
285.359

■ 56, 75.226,
294.704

100, 0.012,
296.813

■ 49, 89.337,
297.367

■ 43, 103.312,
300.102

■ 38, 116.115,
302.645

■ 35,126.170,
304.651

■ 35,126.339,
304.683

Harmonies

Complementary

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



78, 35.416, 288.279



96, 33.649, 100.922

Rectangle

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



78, 35.416, 288.279



78, 35.416, 338.279



78, 35.416, 108.279



78, 35.416, 158.279

Sweetspot

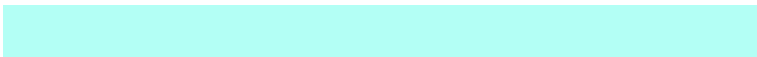
The Sweet Spot groups the original color and five complimentary colors.



78, 35.402, 288.275



93, 10.316, 285.262



95, 25.433, 185.943



49, 7.185, 285.440



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, 35.402, 288.275



73, 43.271, 289.389



78, 41.936, 306.089



49, 6.522, 285.323



25, 100.634, 304.365



5, 39.940, 299.297

Inverse Universe

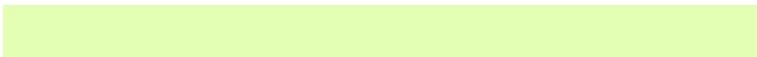
The Inverse Universe completely reimagines the original color for something new.



80, 29.608, 11.818



76, 36.340, 12.783



96, 39.698, 122.693



50, 5.322, 9.374



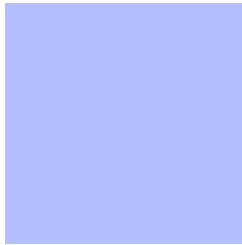
40, 78.416, 34.213



10, 32.393, 21.794

Previews

White Background



This preview shows how the CIELCh color 78, 35.416, 288.279 looks on a white background.

Color Contrast Check

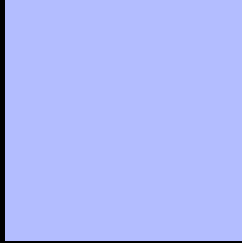
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 35.416, 288.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

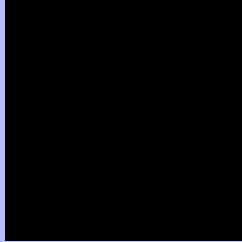
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 35.416, 288.279

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.416, 288.279.



This preview shows how white text looks on a background with the CIELCh color 78, 35.416, 288.279.

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, 35.416, 288.279

Protanopia

78, 34.983, 285.651

Deuteranopia

78, 34.925, 286.633



Tritanopia
78, 12.392, 242.858

Trichromacy



Original Color
78, 35.416, 288.279

Protanomaly
78, 34.953, 286.141

Deuteranomaly
78, 34.899, 287.129

Tritanomaly
78, 19.281, 270.701

Monochromacy



Original Color
78, 35.416, 288.279

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.880, 286.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.416, 288.279 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(179, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 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(179, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.416, 288.279 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(179, 189, 255) }
```

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

```
.border{ border-color:rgb(179, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.416, 288.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 255) }
```

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

```
.background{ background-color: rgb(179,  
189, 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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