

Converting Colors

CIELCh(78, 43.345, 291.286)

Have a look what the booklet for
CIELCh(78, 43.345, 291.286)
contains.

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Color

CIELCh(78, 36.497, 290.008)

Conversions

Conversions Part 1

Format	Color
Hex	B5BCFF
RGB	181, 188, 255
RGB Percent	71%, 74%, 100%
CMY	0.2892, 0.2619, 0.0000
CMYK	0.29, 0.26, 0.00, 0.00
HSL	234°, 100%, 86%
HSV	234°, 29%, 100%
XYZ	55.3983, 53.2120, 103.0505
YIQ	193.5450, -25.6790, 19.3530

Conversions

Conversions Part 2

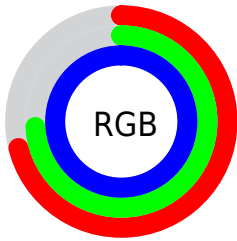
Format	Color
R _Y B	181, 187, 255
Decimal	11910399
CIE Lab	78.00, 12.49, -34.29
CIE LCh	78, 36.497, 290.008
Yxy	53.2120, 0.2617, 0.2514
Android (android.graphics.Color)	4290100479 (0xFFB5BCFF)
YUV	193.5450, 30.2973, -11.0020
Hunter-Lab	72.9466, 7.9031, -32.6955

Details

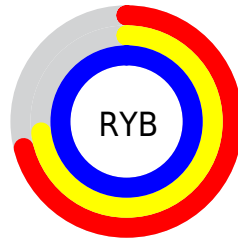
The CIELCh color `78, 36.497, 290.008` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 33.861, 102.981`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 5.971, 270.445`, and `58, 35.861, 289.672` is the 20% darker color. If you saturate the color by 10%, you get `70, 49.152, 291.654`, and if you desaturate by 10%, it is `86, 22.990, 288.356`.

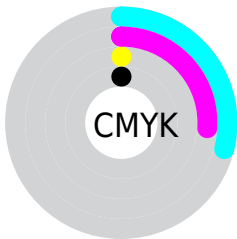
Distribution



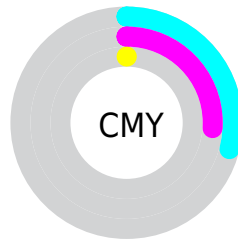
- Red (71%)
- Green (74%)
- Blue (100%)



- Red (71%)
- Yellow (73%)
- Blue (100%)



- Cyan (29%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 36.497, 290.008 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, 36.497, 290.008 by changing the saturation by 10% instead.

■ 78, 36.497,
290.008

■ 78, 36.497,
290.008

■ 100, 36.497,
290.008

■ 68, 36.497,
290.008

■ 98, 36.497,
290.008

■ 58, 36.497,
290.008

■ 48, 36.497,
290.008

■ 38, 36.497,
290.008

■ 28, 36.497,
290.008

■ 18, 36.497,
290.008

■ 8, 36.497, 290.008

■ 0, 36.497, 290.008

■ 78, 36.497,
290.008

■ 78, 36.497,
290.008

■ 70, 49.152,
291.654

■ 86, 22.990,
288.356

■ 63, 63.038,
293.718

■ 93, 10.650,
287.070

■ 55, 77.431,
296.057

■ 100, 0.012,
296.813

■ 49, 92.116,
298.599

■ 42, 106.477,
301.170

■ 37, 119.234,
303.488

■ 34, 128.564,
305.209

■ 34, 129.308,
305.339

Harmonies

Complementary

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



78, 36.497, 290.008



97, 33.861, 102.981

Rectangle

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



78, 36.497, 290.008



78, 36.497, 340.008



78, 36.497, 110.008



78, 36.497, 160.008

Sweetspot

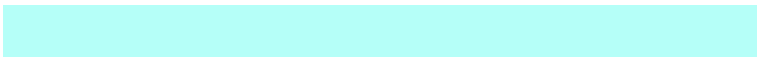
The Sweet Spot groups the original color and five complimentary colors.



78, 35.811, 289.874



93, 10.741, 287.079



95, 24.384, 188.898



49, 7.482, 287.253



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, 35.811, 289.874



73, 43.851, 290.922



79, 40.825, 307.148



49, 6.791, 287.139



24, 103.228, 305.089



4, 41.123, 300.067

Inverse Universe

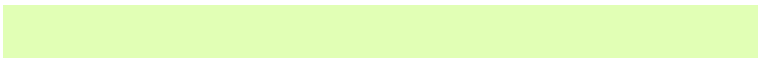
The Inverse Universe completely reimagines the original color for something new.



81, 28.626, 14.553



77, 35.251, 15.457



96, 38.829, 124.022



50, 5.285, 12.319



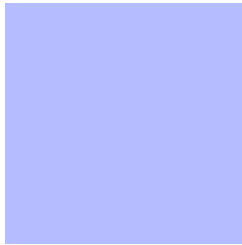
40, 80.235, 36.227



10, 32.639, 23.343

Previews

White Background



This preview shows how the CIELCh color 78, 36.497, 290.008 looks on a white background.

Color Contrast Check

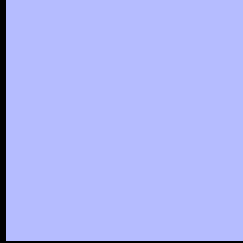
Large Text (above 18pt) WCAG AA × Fail

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, 36.497, 290.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

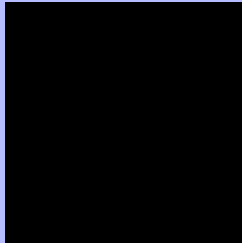
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 36.497, 290.008

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.497, 290.008.



This preview shows how white text looks on a background with the CIELCh color 78, 36.497, 290.008.

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, 35.932, 289.886

Protanopia

78, 35.016, 285.163

Deuteranopia

78, 35.460, 287.300



Tritanopia
78, 11.712, 246.242

Trichromacy



Original Color
78, 35.932, 289.886

Protanomaly
78, 35.460, 287.300

Deuteranomaly
78, 35.416, 288.279

Tritanomaly
78, 19.507, 274.050

Monochromacy



Original Color
78, 35.932, 289.886

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, 36.497, 290.008 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(181, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 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(181, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.497, 290.008 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(181, 188, 255) }
```

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

```
.border{ border-color:rgb(181, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.497, 290.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 255) }
```

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

```
.background{ background-color: rgb(181,  
188, 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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