Converting Colors

CIELCh(78, 31.514, 291.335)

Have a look what the booklet for CIELCh(78, 31.514, 291.335) contains.

Color

CIELCh(78, 31.638, 291.839)

Conversions

Conversions Part 1

Format	Color
Hex	BABCF7
RGB	186, 188, 247
RGB Percent	73%, 74%, 97%
CMY	0.2700, 0.2622, 0.0308
CMYK	0.25, 0.24, 0.00, 0.03
HSL	238°, 80%, 85%
HSV	238°, 25%, 97%
XYZ	55.1131, 53.2120, 95.4869
YIQ	194.1280, -20.1310, 17.9250

Conversions

Conversions Part 2

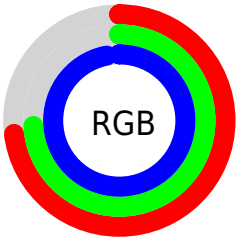
Format	Color
RYB	186, 188, 247
Decimal	12238071
CIELab	78.00, 11.77, -29.37
CIELCh	78, 31.638, 291.839
Yxy	53.2120, 0.2704, 0.2611
Android (android.graphics.Color)	4290428151 (0xFFBABCF7)
YUV	194.1280, 26.0659, -7.1283
Hunter-Lab	72.9466, 7.2050, -26.5479

Details

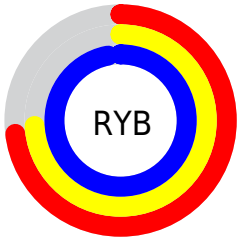
The CIELCh color 78, 31.638, 291.839 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 95, 29.946, 106.366, and the grayscale version is 78, 0.009, 296.813.

A 20% lighter version of the original color is 96, 5.645, 287.119, and 58, 31.295, 291.896 is the 20% darker color. If you saturate the color by 10%, you get 70, 45.394, 293.437, and if you desaturate by 10%, it is 86, 18.443, 290.480.

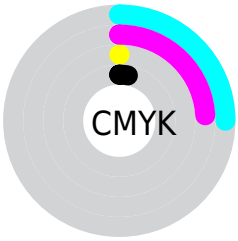
Distribution



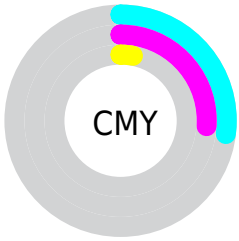
- Red (73%)
- Green (74%)
- Blue (97%)



- Red (73%)
- Yellow (74%)
- Blue (97%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)
- Black (3%)



- Cyan (27%)
- Magenta (26%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 31.638, 291.839 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, 31.638, 291.839 by changing the saturation by 10% instead.

78, 31.638, 291.839

100, 31.638, 291.839

98, 31.638, 291.839

78, 31.638, 291.839

68, 31.638, 291.839

58, 31.638, 291.839

48, 31.638, 291.839

38, 31.638, 291.839

28, 31.638, 291.839

18, 31.638, 291.839

8, 31.638, 291.839

0, 31.638, 291.839

78, 31.638, 291.839

78, 31.638, 291.839

70, 45.394, 293.437

86, 18.443, 290.480

62, 59.738, 295.298

94, 5.774, 289.337

100, 3.967, 109.862

55, 74.620, 297.416

48, 89.799, 299.725

41, 104.593, 302.059

36, 117.569, 304.128

33, 126.652, 305.587

32, 129.387, 306.013

Harmonies

Complementary

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

78, 31.638, 291.839

95, 29.946, 106.366

Rectangle

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

78, 31.638, 291.839

78, 31.638, 341.839

78, 31.638, 111.839

78, 31.638, 161.839

Sweetspot

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

78, 31.636, 291.838

94, 8.889, 289.584

93, 20.120, 195.135

50, 5.782, 289.650

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, 31.636, 291.838

76, 39.882, 292.665

80, 34.086, 309.135

47, 7.013, 289.859

23, 104.144, 305.897

3, 38.994, 299.234

Inverse Universe

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

81, 23.526, 18.791

80, 29.892, 19.454

94, 32.849, 126.722

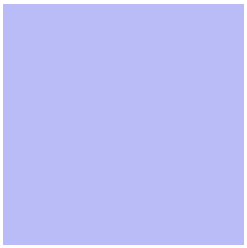
48, 5.080, 17.290

39, 81.104, 38.694

8, 30.816, 23.699

Previews

White Background

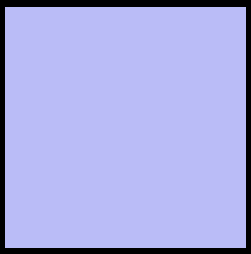


This preview shows how the CIELCh color 78, 31.638, 291.839 looks on a white background.

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



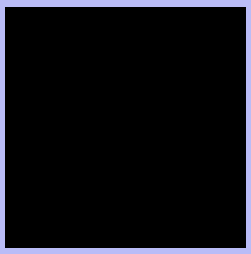
This preview shows how the CIELCh color 78, 31.638, 291.839 looks on a black background.

Color Contrast Check

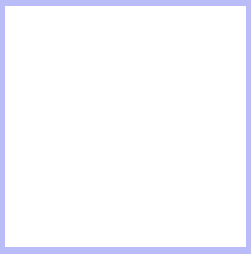
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 78, 31.638, 291.839 Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.638, 291.839.



This preview shows how white text looks on a background with the CIELCh color 78, 31.638, 291.839.

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

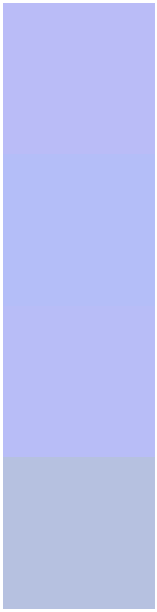
Original Color
78, 31.638, 291.839

Protanopia
78, 31.239, 284.818

Deuteranopia
78, 31.105, 289.418

Tritanopia
78, 9.658, 255.673

Trichromacy



Original Color
78, 31.638, 291.839

Protanomaly
78, 31.150, 287.098

Deuteranomaly
78, 31.093, 290.000

Tritanomaly
78, 16.918, 278.969

Monochromacy

Original Color
78, 31.638, 291.839

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.250, 289.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.638, 291.839 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(186, 188, 247) looks like.

```
.text, #text, p{
    color:rgb(186, 188, 247)
}
```

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(186, 188, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 188, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.638, 291.839 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(186, 188, 247) }
```

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

```
.border{ border-color:rgb(186, 188, 247) }
```

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

Here you see how a box with a 4 pixel rgb(186, 188, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 188, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 188, 247); box-shadow:4px 4px 4px 4px rgb(186, 188, 247) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.638, 291.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(186, 188, 247) }
```

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

```
.background{ background-color:rgb(186,
188, 247) }
```

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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