

Converting Colors

CIELCh(76, 29.133, 289.659)

Have a look what the booklet for
CIELCh(76, 29.133, 289.659)
contains.

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Color

CIELCh(76, 29.105, 289.644)

Conversions

Conversions Part 1

Format	Color
Hex	B3B8EE
RGB	179, 184, 238
RGB Percent	70%, 72%, 93%
CMY	0.2990, 0.2794, 0.0677
CMYK	0.25, 0.23, 0.00, 0.07
HSL	235°, 63%, 82%
HSV	235°, 25%, 93%
XYZ	51.0134, 49.8872, 87.6257
YIQ	188.6610, -20.3140, 15.7340

Conversions

Conversions Part 2

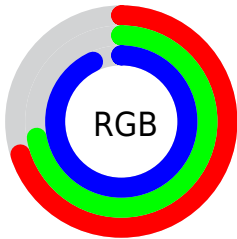
Format	Color
R _Y B	179, 184, 238
Decimal	11778286
CIE Lab	76.00, 9.78, -27.41
CIE LCh	76, 29.105, 289.644
Yxy	49.8872, 0.2706, 0.2646
Android (android.graphics.Color)	4289968366 (0xFFB3B8EE)
YUV	188.6610, 24.3241, -8.4727
Hunter-Lab	70.6309, 5.3182, -24.1144

Details

The CIELCh color `76, 29.105, 289.644` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `91, 27.737, 103.920`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.810, 280.681`, and `56, 29.222, 289.677` is the 20% darker color. If you saturate the color by 10%, you get `69, 41.642, 291.292`, and if you desaturate by 10%, it is `83, 17.051, 288.240`.

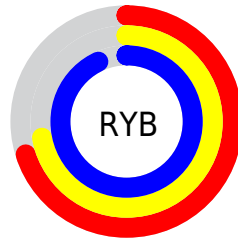
Distribution



Red (70%)

Green (72%)

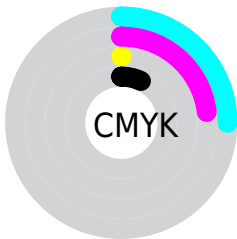
Blue (93%)



Red (70%)

Yellow (72%)

Blue (93%)

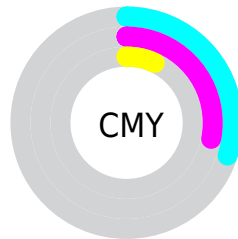


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (28%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 29.105, 289.644 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 76, 29.105, 289.644 by changing the saturation by 10% instead.

 76, 29.105,
289.644

 76, 29.105,
289.644

 100, 29.105,
289.644

 66, 29.105,
289.644


 96, 29.105,
289.644

 56, 29.105,
289.644

 46, 29.105,
289.644

 36, 29.105,
289.644

 26, 29.105,
289.644

 16, 29.105,
289.644

 6, 29.105, 289.644

■ 0, 29.105, 289.644

■ 76, 29.105,
289.644

■ 76, 29.105,
289.644

■ 69, 41.642,
291.292

■ 83, 17.051,
288.240

■ 62, 54.698,
293.214

■ 91, 5.446, 287.059

■ 54, 68.263,
295.415

■ 98, 5.745, 106.000

■ 48, 82.212,
297.850

■ 100, 8.739,
109.514

■ 41, 96.125,
300.391

■ 36, 109.028,
302.794

■ 32, 119.287,
304.733

■ 31, 123.027,
305.430

Harmonies

Complementary

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



76, 29.105, 289.644



91, 27.737, 103.920

Rectangle

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



76, 29.105, 289.644



76, 29.105, 339.644



76, 29.105, 109.644



76, 29.105, 159.644

Sweetspot

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



76, 29.103, 289.643



95, 8.414, 287.300



90, 20.015, 189.239



50, 5.472, 287.369



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 29.103, 289.643



77, 37.632, 290.485



77, 32.878, 306.877



46, 6.522, 287.582



23, 100.555, 305.206



4, 35.581, 297.228

Inverse Universe

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



78, 22.894, 14.749



80, 29.788, 15.450



91, 31.520, 124.243



47, 5.015, 13.089



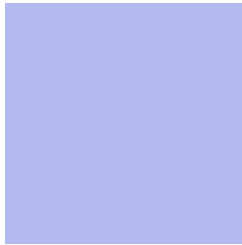
38, 78.152, 36.568



8, 29.414, 20.377

Previews

White Background



This preview shows how the CIELCh color 76, 29.105, 289.644 looks on a white background.

Color Contrast Check

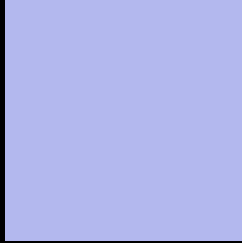
Large Text (above 18pt) WCAG AA × Fail

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 76, 29.105, 289.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

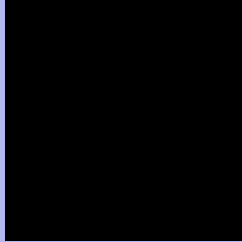
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 29.105, 289.644

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.105, 289.644.



This preview shows how white text looks on a background with the CIELCh color 76, 29.105, 289.644.

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

76, 29.105, 289.644

Protanopia

76, 29.201, 285.896

Deuteranopia

76, 29.105, 289.644



Tritanopia
76, 10.091, 252.491

Trichromacy



Original Color
76, 29.105, 289.644

Protanomaly
76, 29.147, 287.129

Deuteranomaly
76, 29.105, 289.644

Tritanomaly
76, 16.194, 274.557

Monochromacy



Original Color
76, 29.105, 289.644

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 10.778, 289.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.105, 289.644 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, 184, 238)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 238)  
}
```

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, 184, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.105, 289.644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

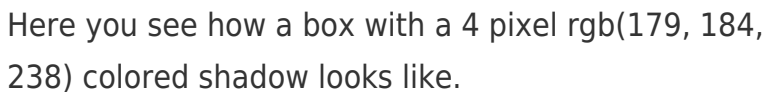
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 184, 238) }
```

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

```
.border{ border-color:rgb(179, 184, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 184, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 184, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 184, 238); box-shadow:4px 4px 4px 4px rgb(179, 184, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.105, 289.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 238) }
```

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

```
.background{ background-color: rgb(179,  
184, 238) }
```

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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