

Converting Colors

CIELCh(77, 20.317, 289.982)

Have a look what the booklet for
CIELCh(77, 20.317, 289.982)
contains.

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Color

CIELCh(77, 20.436, 290.149)

Conversions

Conversions Part 1

Format	Color
Hex	B9BBE1
RGB	185, 187, 225
RGB Percent	73%, 73%, 88%
CMY	0.2729, 0.2651, 0.1160
CMYK	0.18, 0.17, 0.00, 0.12
HSL	237°, 40%, 81%
HSV	237°, 18%, 88%
XYZ	51.6053, 51.5317, 78.7557
YIQ	190.7340, -13.3900, 11.3940

Conversions

Conversions Part 2

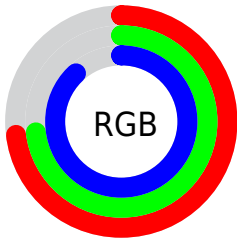
Format	Color
RYB	185, 187, 225
Decimal	12172257
CIELab	77.00, 7.04, -19.19
CIElCh	77, 20.436, 290.149
Yxy	51.5317, 0.2837, 0.2833
Android (android.graphics.Color)	4290362337 (0xFFB9BBE1)
YUV	190.7340, 16.8931, -5.0287
Hunter-Lab	71.7856, 2.6954, -14.7969

Details

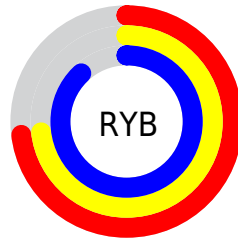
The CIELCh color `77, 20.436, 290.149` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `88, 19.699, 106.310`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 6.184, 284.270`, and `57, 20.573, 289.642` is the 20% darker color. If you saturate the color by 10%, you get `70, 32.589, 291.581`, and if you desaturate by 10%, it is `84, 8.757, 288.933`.

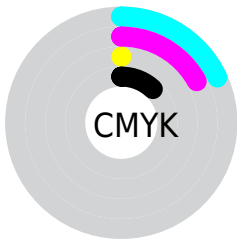
Distribution



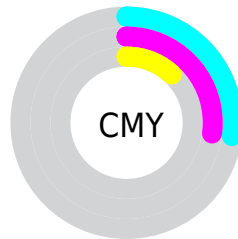
- Red (73%)
- Green (73%)
- Blue (88%)



- Red (73%)
- Yellow (73%)
- Blue (88%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 20.436, 290.149 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 77, 20.436, 290.149 by changing the saturation by 10% instead.

■ 77, 20.436,
290.149

■ 77, 20.436,
290.149

■ 100, 20.436,
290.149

■ 67, 20.436,
290.149

■ 97, 20.436,
290.149

■ 57, 20.436,
290.149

■ 47, 20.436,
290.149

■ 37, 20.436,
290.149

■ 27, 20.436,
290.149

■ 17, 20.436,
290.149

■ 7, 20.436, 290.149

■ 0, 20.436, 290.149

■ 77, 20.436,
290.149

■ 77, 20.436,
290.149

■ 70, 32.589,
291.581

■ 84, 8.757, 288.933

■ 63, 45.255,
293.263

■ 91, 2.481, 107.849

■ 56, 58.448,
295.212

■ 98, 13.313,
106.997

■ 49, 72.108,
297.414

■ 99, 14.969,
109.046

■ 42, 85.977,
299.790

■ 36, 99.362,
302.157

■ 32,110.885,
304.216

■ 29,118.703,
305.630

■ 29,119.839,
305.817

Harmonies

Complementary

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



77, 20.436, 290.149



88, 19.699, 106.310

Rectangle

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



77, 20.436, 290.149



77, 20.436, 340.149



77, 20.436, 110.149



77, 20.436, 160.149

Sweetspot

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



77, 20.434, 290.147



96, 6.216, 288.641



87, 13.774, 194.110



51, 4.245, 288.715



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 20.434, 290.147



83, 26.897, 290.607



78, 22.460, 308.178



43, 6.411, 289.124



21, 98.993, 305.651



2, 30.534, 294.810

Inverse Universe

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



79, 15.300, 16.679



86, 20.248, 17.036



87, 21.862, 126.466



44, 4.732, 15.889



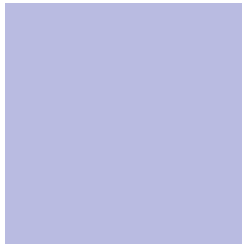
36, 76.997, 37.913



6, 25.428, 18.839

Previews

White Background



This preview shows how the CIELCh color 77, 20.436, 290.149 looks on a white background.

Color Contrast Check

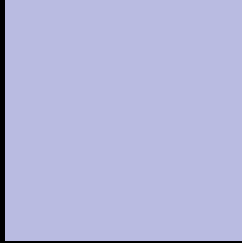
Large Text (above 18pt) WCAG AA × Fail

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 77, 20.436, 290.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

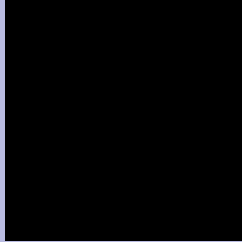
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 20.436, 290.149

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.436, 290.149.



This preview shows how white text looks on a background with the CIELCh color 77, 20.436, 290.149.

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

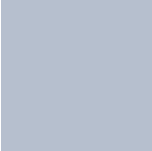
77, 20.436, 290.149

Protanopia

77, 20.478, 286.393

Deuteranopia

77, 21.618, 296.642



Tritanopia
77, 8.592, 269.250

Trichromacy



Original Color
77, 20.436, 290.149

Protanomaly
77, 20.454, 287.323

Deuteranomaly
77, 20.993, 293.936

Tritanomaly
77, 12.536, 280.131

Monochromacy



Original Color
77, 20.436, 290.149

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.521, 288.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.436, 290.149 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(185, 187, 225)` looks like.

```
.text, #text, p{  
    color:rgb(185, 187, 225)  
}
```

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(185, 187, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 187, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.436, 290.149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

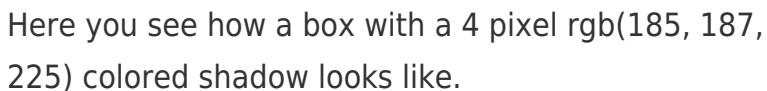
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 187, 225) }
```

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

```
.border{ border-color:rgb(185, 187, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 187, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 187, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 187, 225);  
box-shadow:4px 4px 4px 4px rgb(185, 187,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.436, 290.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 187, 225) }
```

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

```
.background{ background-color: rgb(185,  
187, 225) }
```

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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