

Converting Colors

CIELCh(77, 32.420, 284.913)

Have a look what the booklet for
CIELCh(77, 32.420, 284.913)
contains.

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Color

CIELCh(77, 32.416, 284.738)

Conversions

Conversions Part 1

Format	Color
Hex	ADBC F8
RGB	173, 188, 248
RGB Percent	68%, 74%, 97%
CMY	0.3222, 0.2634, 0.0281
CMYK	0.30, 0.24, 0.00, 0.03
HSL	228°, 84%, 82%
HSV	228°, 30%, 97%
XYZ	52.0648, 51.5317, 95.8733
YIQ	190.3550, -28.2000, 15.4800

Conversions

Conversions Part 2

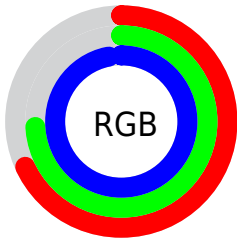
Format	Color
RYB	173, 186, 248
Decimal	11386104
CIELab	77.00, 8.25, -31.35
CIELCh	77, 32.416, 284.738
Yxy	51.5317, 0.2610, 0.2583
Android (android.graphics.Color)	4289576184 (0xFFADBCF8)
YUV	190.3550, 28.4190, -15.2203
Hunter-Lab	71.7856, 3.8380, -28.9349

Details

The CIELCh color `77, 32.416, 284.738` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 31.277, 96.830`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.312, 249.923`, and `57, 32.143, 284.764` is the 20% darker color. If you saturate the color by 10%, you get `70, 43.826, 286.684`, and if you desaturate by 10%, it is `84, 21.373, 283.075`.

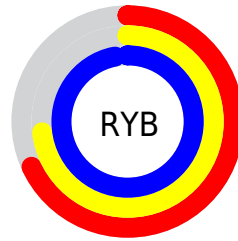
Distribution



Red (68%)

Green (74%)

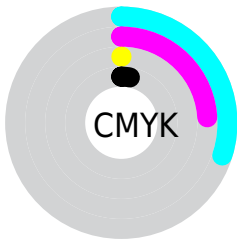
Blue (97%)



Red (68%)

Yellow (73%)

Blue (97%)

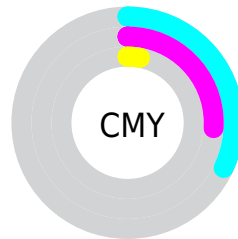


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 32.416, 284.738 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, 32.416, 284.738 by changing the saturation by 10% instead.

■ 77, 32.416,
284.738

■ 77, 32.416,
284.738

■ 100, 32.416,
284.738

■ 67, 32.416,
284.738

■ 97, 32.416,
284.738

■ 57, 32.416,
284.738

■ 47, 32.416,
284.738

■ 37, 32.416,
284.738

■ 27, 32.416,
284.738

■ 17, 32.416,
284.738

■ 7, 32.416, 284.738

0, 32.416, 284.738

77, 32.416,
284.738

77, 32.416,
284.738

70, 43.826,
286.684

84, 21.373,
283.075

64, 55.643,
288.945

91, 10.669,
281.661

57, 67.886,
291.528

97, 0.276, 281.097

51, 80.510,
294.391

100, 3.623,
109.886

45, 93.291,
297.415

40, 105.649,
300.380

■ 36,116.303,
302.899

Harmonies

Complementary

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



77, 32.416, 284.738



92, 31.277, 96.830

Rectangle

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



77, 32.416, 284.738



77, 32.416, 334.738



77, 32.416, 104.738



77, 32.416, 154.738

Sweetspot

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



77, 32.415, 284.737



94, 9.563, 281.502



92, 26.413, 179.100



49, 6.658, 281.689



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, 32.415, 284.737



75, 39.832, 285.828



75, 41.291, 303.327



49, 5.945, 281.564



27, 93.442, 302.476



5, 36.021, 296.849

Inverse Universe

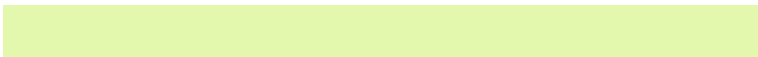
The Inverse Universe completely reimagines the original color for something new.



78, 29.697, 6.667



77, 36.564, 7.580



94, 38.780, 119.355



49, 5.340, 4.078



39, 74.161, 29.537



9, 30.991, 17.772

Previews

White Background



This preview shows how the CIELCh color 77, 32.416, 284.738 looks on a white background.

Color Contrast Check

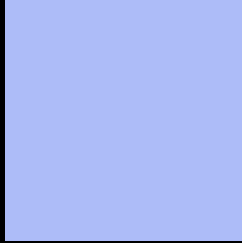
Large Text (above 18pt) WCAG AA × Fail

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, 32.416, 284.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

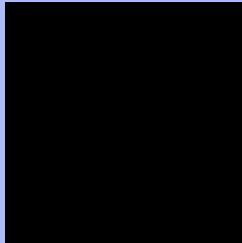
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 32.416, 284.738

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.416, 284.738.



This preview shows how white text looks on a background with the CIELCh color 77, 32.416, 284.738.

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, 32.416, 284.738

Protanopia

77, 32.382, 285.274

Deuteranopia

77, 32.831, 287.614



Tritanopia
77, 12.818, 237.925

Trichromacy



Original Color
77, 32.416, 284.738

Protanomaly
77, 32.382, 285.274

Deuteranomaly
77, 32.881, 286.544

Tritanomaly
77, 18.689, 266.578

Monochromacy



Original Color
77, 32.416, 284.738

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.917, 282.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.416, 284.738 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(173, 188, 248)` looks like.

```
.text, #text, p{  
    color:rgb(173, 188, 248)  
}
```

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(173, 188, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 188, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.416, 284.738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

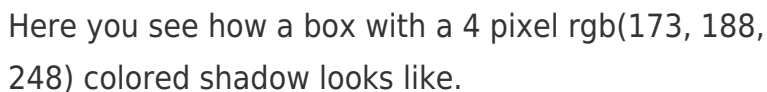
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 188, 248) }
```

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

```
.border{ border-color:rgb(173, 188, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 188, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 188, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 188, 248); box-shadow:4px 4px 4px 4px rgb(173, 188, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.416, 284.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 188, 248) }
```

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

```
.background{ background-color: rgb(173,  
188, 248) }
```

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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