

Converting Colors

CIELCh(76, 12.568, 288.681)

Have a look what the booklet for
CIELCh(76, 12.568, 288.681)
contains.

CIELCh(76, 12.401, 288.090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 12.401, 288.090)

Conversions

Conversions Part 1

Format	Color
Hex	B8BAD1
RGB	184, 186, 209
RGB Percent	72%, 73%, 82%
CMY	0.2786, 0.2707, 0.1806
CMYK	0.12, 0.11, 0.00, 0.18
HSL	235°, 21%, 77%
HSV	235°, 12%, 82%
XYZ	48.8111, 49.8872, 67.3512
YIQ	188.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

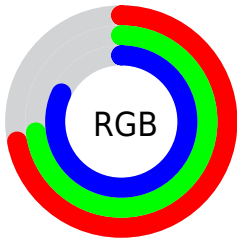
Format	Color
RYB	184, 186, 209
Decimal	12106449
CIELab	76.00, 3.85, -11.79
CIELCh	76, 12.401, 288.090
Yxy	49.8872, 0.2940, 0.3004
Android (android.graphics.Color)	4290296529 (0xFFB8BAD1)
YUV	188.0240, 10.3412, -3.5290
Hunter-Lab	70.6309, -0.2477, -7.0953

Details

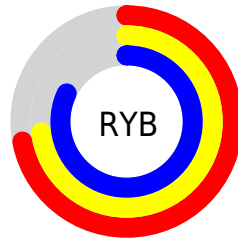
The CIELCh color `76, 12.401, 288.090` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 12.120, 105.514`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 6.699, 284.809`, and `56, 12.610, 288.337` is the 20% darker color. If you saturate the color by 10%, you get `69, 23.188, 289.407`, and if you desaturate by 10%, it is `83, 2.007, 286.999`.

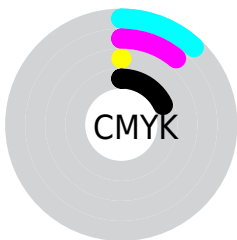
Distribution



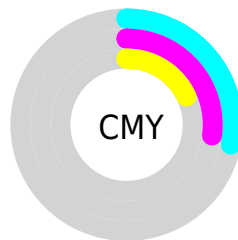
- Red (72%)
- Green (73%)
- Blue (82%)



- Red (72%)
- Yellow (73%)
- Blue (82%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)





- Cyan (28%)
- Magenta (27%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 12.401, 288.090 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, 12.401, 288.090 by changing the saturation by 10% instead.


 76, 12.401,
288.090


 76, 12.401,
288.090


 100, 12.401,
288.090


 66, 12.401,
288.090


 96, 12.401,
288.090

 56, 12.401,
288.090

 46, 12.401,
288.090

 36, 12.401,
288.090

 26, 12.401,
288.090

 16, 12.401,
288.090

 6, 12.401, 288.090

■ 0, 12.401, 288.090

■ 76, 12.401,
288.090

■ 76, 12.401,
288.090

■ 69, 23.188,
289.407

■ 83, 2.007, 286.999

■ 63, 34.405,
290.961

■ 89, 8.021, 105.974

■ 56, 46.082,
292.776

■ 95, 17.709,
105.155

■ 50, 58.228,
294.866

■ 99, 23.251,
108.415

■ 44, 70.769,
297.205

■ 38, 83.431,
299.697

■ 33, 95.514,
302.138

■ 29, 105.719,
304.226

■ 27, 111.512,
305.398

Harmonies

Complementary

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



76, 12.401, 288.090



83, 12.120, 105.514

Rectangle

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



76, 12.401, 288.090



76, 12.401, 338.090



76, 12.401, 108.090



76, 12.401, 158.090

Sweetspot

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



76, 12.399, 288.085



97, 4.811, 287.194



82, 8.930, 191.686



51, 3.422, 287.272



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, 12.399, 288.085



89, 17.122, 288.357



76, 14.027, 306.698



41, 5.857, 287.782



21, 94.214, 305.187



2, 24.130, 291.298

Inverse Universe

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



77, 9.518, 13.700



90, 13.189, 13.917



82, 13.756, 125.535



41, 4.477, 13.454



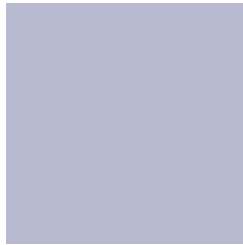
35, 73.224, 36.512



4, 20.039, 15.733

Previews

White Background



This preview shows how the CIELCh color 76, 12.401, 288.090 looks on a white background.

Color Contrast Check

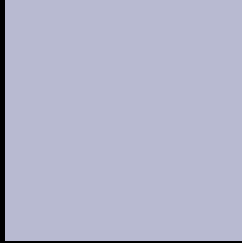
Large Text (above 18pt) WCAG AA × Fail

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 76, 12.401, 288.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

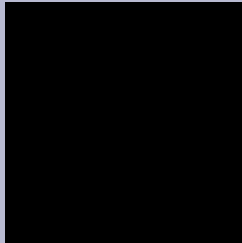
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

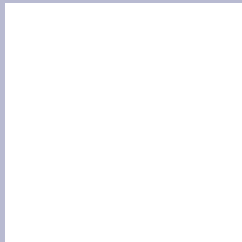
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 12.401, 288.090

Background



This preview shows how black text looks on a background with the CIELCh color 76, 12.401, 288.090.



This preview shows how white text looks on a background with the CIELCh color 76, 12.401, 288.090.

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, 12.401, 288.090

Protanopia

76, 12.401, 288.090

Deuteranopia

76, 15.863, 308.436



Tritanopia
76, 8.179, 280.912

Trichromacy



Original Color
76, 12.401, 288.090

Protanomaly
76, 12.401, 288.090

Deuteranomaly
76, 14.889, 302.445

Tritanomaly
76, 9.770, 282.763

Monochromacy



Original Color
76, 12.401, 288.090

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.850, 290.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 12.401, 288.090 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(184, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 186, 209)  
}
```

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(184, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 12.401, 288.090 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(184, 186, 209) }
```

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

```
.border{ border-color:rgb(184, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 12.401, 288.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 209) }
```

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

```
.background{ background-color: rgb(184,  
186, 209) }
```

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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