

Converting Colors

CIELCh(76, 5.766, 120.241)

Have a look what the booklet for
CIELCh(76, 5.766, 120.241) contains.

CIELCh(76, 6.012, 120.437)	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, 6.012, 120.437)

Conversions

Conversions Part 1

Format	Color
Hex	BABDB2
RGB	186, 189, 178
RGB Percent	73%, 74%, 70%
CMY	0.2716, 0.2599, 0.3030
CMYK	0.02, 0.00, 0.06, 0.26
HSL	76°, 8%, 72%
HSV	76°, 6%, 74%
XYZ	46.3322, 49.8872, 49.1657
YIQ	186.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

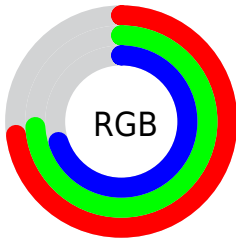
Format	Color
RYB	178, 189, 181
Decimal	12238258
CIELab	76.00, -3.05, 5.18
CIElCh	76, 6.012, 120.437
Yxy	49.8872, 0.3187, 0.3431
Android (android.graphics.Color)	4290428338 (0xFFBABDB2)
YUV	186.8490, -4.3626, -0.7446
Hunter-Lab	70.6309, -6.5123, 8.1703

Details

The CIELCh color `76, 6.012, 120.437` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 6.096, 301.127`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 5.724, 120.514`, and `56, 6.389, 120.314` is the 20% darker color. If you saturate the color by 10%, you get `75, 16.328, 119.841`, and if you desaturate by 10%, it is `77, 4.319, 301.012`.

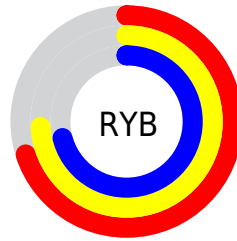
Distribution



Red (73%)

Green (74%)

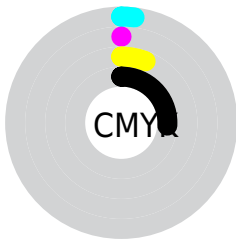
Blue (70%)



Red (70%)

Yellow (74%)

Blue (71%)

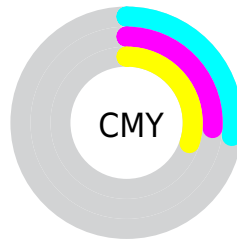


Cyan (2%)

Magenta (0%)

Yellow (6%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.012, 120.437 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, 6.012, 120.437 by changing the saturation by 10% instead.

■ 76, 6.012, 120.437

■ 76, 6.012, 120.437

■ 100, 6.012,
120.437

■ 66, 6.012, 120.437

■ 96, 6.012, 120.437

■ 56, 6.012, 120.437

■ 46, 6.012, 120.437

■ 36, 6.012, 120.437

■ 26, 6.012, 120.437

■ 16, 6.012, 120.437

■ 6, 6.012, 120.437

■ 0, 6.012, 120.437

■ 76, 6.012, 120.437

■ 76, 6.012, 120.437

75, 16.328,
119.841

77, 4.319, 301.012

74, 26.557,
119.231

78, 14.626,
301.570

74, 36.607,
118.632

79, 24.873,
302.090

73, 46.337,
118.075

80, 35.036,
302.575

72, 55.535,
117.606

80, 36.257,
305.030

72, 63.896,
117.291

81, 36.626,
307.675

72, 71.005,
117.220

81, 37.067,
310.291

71, 76.402,
117.499

82, 37.580,
312.868

71, 79.785,

82, 38.162,
315.396

Harmonies

Complementary

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



76, 6.012, 120.437



73, 6.096, 301.127

Rectangle

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



76, 6.012, 120.437



76, 6.012, 170.437



76, 6.012, 300.437



76, 6.012, 350.437

Sweetspot

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



76, 6.014, 120.446



96, 2.542, 120.681



74, 3.420, 47.008



51, 1.444, 120.688



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



76, 6.014, 120.446



96, 8.924, 120.369



76, 6.728, 137.581



40, 4.679, 120.347



60, 70.869, 118.383



10, 17.818, 123.740

Inverse Universe

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



73, 6.096, 301.127



91, 9.063, 301.209



73, 6.765, 318.024



37, 4.754, 301.233



20, 91.127, 308.094



1, 17.631, 298.198

Previews

White Background



This preview shows how the CIE LCh color 76, 6.012, 120.437 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, 6.012, 120.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

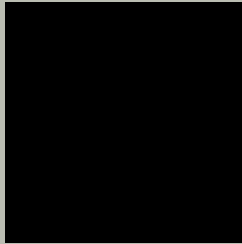
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

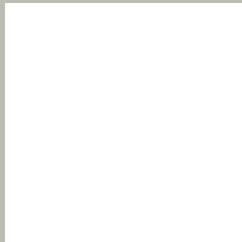
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 6.012, 120.437

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.012, 120.437.

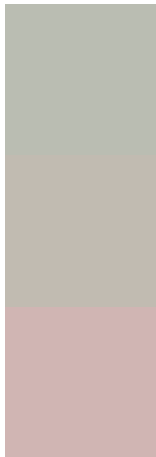


This preview shows how white text looks on a background with the CIELCh color 76, 6.012, 120.437.

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, 6.012, 120.437

Protanopia

76, 5.811, 86.569

Deuteranopia

76, 10.403, 26.095



Tritanopia
76, 8.240, 301.003

Trichromacy



Original Color
76, 6.012, 120.437

Protanomaly
76, 5.937, 102.283

Deuteranomaly
76, 6.649, 43.520

Tritanomaly
76, 3.331, 303.198

Monochromacy



Original Color
76, 6.012, 120.437

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.176, 119.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.012, 120.437 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, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 178)  
}
```

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, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.012, 120.437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

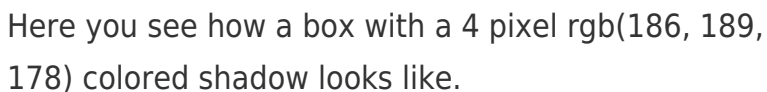
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 189, 178) }
```

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

```
.border{ border-color:rgb(186, 189, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 189, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 189, 178); box-shadow:4px 4px 4px 4px rgb(186, 189, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.012, 120.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 178) }
```

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

```
.background{ background-color: rgb(186,  
189, 178) }
```

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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