

Converting Colors

CIELCh(76, 6.231, 307.706)

Have a look what the booklet for
CIELCh(76, 6.231, 307.706) contains.

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Color

CIELCh(76, 6.231, 307.706)

Conversions

Conversions Part 1

Format	Color
Hex	BEB9C4
RGB	190, 185, 196
RGB Percent	75%, 73%, 77%
CMY	0.2532, 0.2728, 0.2297
CMYK	0.03, 0.06, 0.00, 0.23
HSL	267°, 9%, 75%
HSV	267°, 6%, 77%
XYZ	48.7965, 49.8872, 59.5422
YIQ	187.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

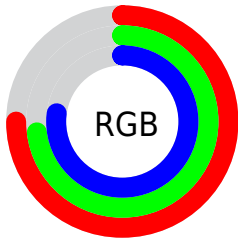
Format	Color
R _Y B	190, 185, 196
Decimal	12499396
CIE Lab	76.00, 3.81, -4.93
CIE LCh	76, 6.231, 307.706
Yxy	49.8872, 0.3084, 0.3153
Android (android.graphics.Color)	4290689476 (0xFFBEB9C4)
YUV	187.7490, 4.0677, 1.9741
Hunter-Lab	70.6309, -0.2843, -0.5401

Details

The CIELCh color $76, 6.231, 307.706$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 6.163, 127.224$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.426, 306.319$, and $56, 6.077, 309.355$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.605, 308.208$, and if you desaturate by 10%, it is $82, 4.800, 127.292$.

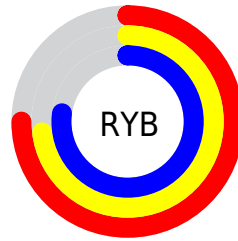
Distribution



Red (75%)

Green (73%)

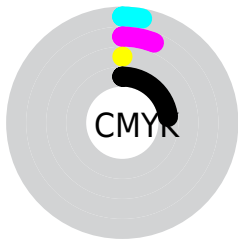
Blue (77%)



Red (75%)

Yellow (73%)

Blue (77%)

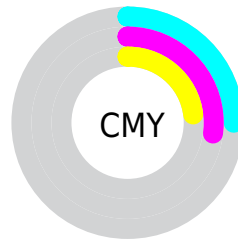


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (23%)



Cyan (25%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.231, 307.706 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, 6.231, 307.706 by changing the saturation by 10% instead.

■ 76, 6.231, 307.706

■ 76, 6.231, 307.706

■ 100, 6.231,
307.706

■ 66, 6.231, 307.706

■ 96, 6.231, 307.706

■ 56, 6.231, 307.706

■ 46, 6.231, 307.706

■ 36, 6.231, 307.706

■ 26, 6.231, 307.706

■ 16, 6.231, 307.706

■ 6, 6.231, 307.706

■ 0, 6.231, 307.706

■ 76, 6.231, 307.706

■ 76, 6.231, 307.706

70, 17.605,
308.208

82, 4.800, 127.292

64, 29.305,
308.754

88, 15.478,
126.881

58, 41.270,
309.337

94, 25.815,
126.530

53, 53.376,
309.937

97, 30.710,
123.211

47, 65.394,
310.519

98, 29.839,
115.888

42, 76.930,
311.024

99, 29.512,
108.127

37, 87.366,
311.364

99, 29.511,
107.934

34, 95.866,
311.420

31, 101.597,

Harmonies

Complementary

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



76, 6.231, 307.706



79, 6.163, 127.224

Rectangle

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



76, 6.231, 307.706



76, 6.231, 357.706



76, 6.231, 127.706



76, 6.231, 177.706

Sweetspot

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



76, 6.229, 307.701



99, 2.741, 307.507



77, 3.415, 250.592



53, 1.559, 307.500



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, 6.229, 307.701



95, 9.643, 307.776



76, 7.089, 323.351



39, 5.111, 307.796



24, 90.139, 311.015



2, 22.198, 304.314

Inverse Universe

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



76, 5.224, 341.640



95, 8.083, 341.777



78, 7.068, 142.837



40, 4.284, 341.812



35, 61.406, 357.357



4, 18.340, 350.179

Previews

White Background



This preview shows how the CIELCh color 76, 6.231, 307.706 looks on a white background.

Color Contrast Check

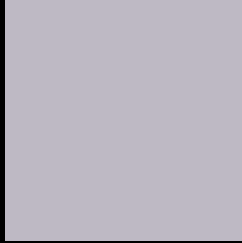
Large Text (above 18pt) WCAG AA × Fail

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, 6.231, 307.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

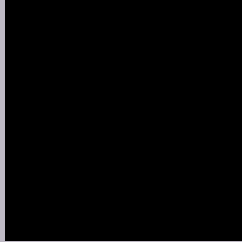
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

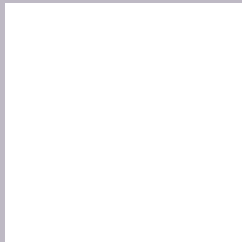
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 6.231, 307.706

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.231, 307.706.



This preview shows how white text looks on a background with the CIELCh color 76, 6.231, 307.706.

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, 6.231, 307.706

Protanopia

76, 5.986, 297.689

Deuteranopia

76, 10.722, 331.460



Tritanopia
76, 8.404, 305.865

Trichromacy



Original Color
76, 6.231, 307.706

Protanomaly
76, 6.045, 301.103

Deuteranomaly
76, 9.168, 324.801

Tritanomaly
76, 7.885, 306.859

Monochromacy



Original Color
76, 6.231, 307.706

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.291, 309.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.231, 307.706 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(190, 185, 196)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 196)  
}
```

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(190, 185, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.231, 307.706 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(190, 185, 196) }
```

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

```
.border{ border-color:rgb(190, 185, 196) }
```

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

Here you see how a box with a 4 pixel rgb(190, 185, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 196);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.231, 307.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 196) }
```

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

```
.background{ background-color: rgb(190,  
185, 196) }
```

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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