

Converting Colors

CIELCh(75, 26.242, 306.041)

Have a look what the booklet for
CIELCh(75, 26.242, 306.041)
contains.

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Color

CIELCh(75, 26.268, 306.046)

Conversions

Conversions Part 1

Format	Color
Hex	C3B1E0
RGB	195, 177, 224
RGB Percent	76%, 69%, 88%
CMY	0.2363, 0.3069, 0.1226
CMYK	0.13, 0.21, 0.00, 0.12
HSL	263°, 43%, 79%
HSV	263°, 21%, 88%
XYZ	51.5282, 48.2781, 76.9344
YIQ	187.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

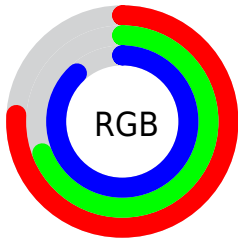
Format	Color
R_{YB}	195, 177, 224
Decimal	12825056
CIE _{Lab}	75.00, 15.46, -21.24
CIE _{LCh}	75, 26.268, 306.046
Yxy	48.2781, 0.2915, 0.2732
Android (android.graphics.Color)	4291015136 (0xFFC3B1E0)
YUV	187.7400, 17.8762, 6.3670
Hunter-Lab	69.4824, 10.7815, -17.0111

Details

The CIELCh color `75, 26.268, 306.046` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `87, 25.333, 123.800`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 13.179, 321.065`, and `55, 26.704, 306.199` is the 20% darker color. If you saturate the color by 10%, you get `68, 39.375, 306.701`, and if you desaturate by 10%, it is `82, 13.539, 305.449`.

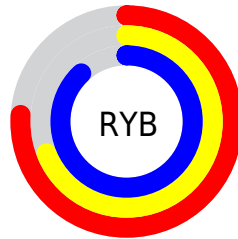
Distribution



Red (76%)

Green (69%)

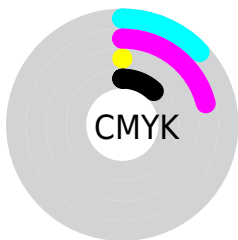
Blue (88%)



Red (76%)

Yellow (69%)

Blue (88%)

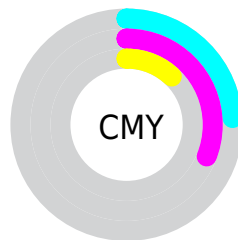


Cyan (13%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (24%)


Magenta (31%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 26.268, 306.046 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 75, 26.268, 306.046 by changing the saturation by 10% instead.


 75, 26.268,
306.046


 75, 26.268,
306.046


 100, 26.268,
306.046


 65, 26.268,
306.046


 95, 26.268,
306.046

 55, 26.268,
306.046

 45, 26.268,
306.046

 35, 26.268,
306.046

 25, 26.268,
306.046

 15, 26.268,
306.046

 5, 26.268, 306.046

0, 26.268, 306.046

75, 26.268,
306.046

75, 26.268,
306.046

68, 39.375,
306.701

82, 13.539,
305.449

62, 52.788,
307.406

88, 1.220, 304.858

55, 66.336,
308.136

95, 10.687,
124.470

49, 79.694,
308.842

99, 15.944,
115.586

44, 92.288,
309.441

99, 15.816,
108.982

39, 103.221,
309.810

■ 35,111.368,
309.795

■ 33,116.016,
309.439

Harmonies

Complementary

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



75, 26.268, 306.046



87, 25.333, 123.800

Rectangle

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



75, 26.268, 306.046



75, 26.268, 356.046



75, 26.268, 126.046



75, 26.268, 176.046

Sweetspot

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



75, 26.266, 306.045



96, 8.147, 305.174



81, 13.366, 242.274



50, 5.409, 305.210



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 26.266, 306.045



81, 34.998, 306.312



77, 29.096, 321.748



44, 6.988, 305.362



25, 96.766, 309.606



3, 32.709, 305.971

Inverse Universe

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



77, 23.180, 339.464



84, 30.731, 339.828



85, 28.910, 139.634



44, 6.230, 338.509



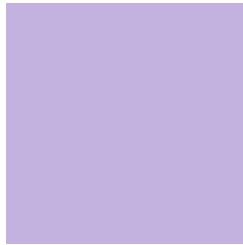
38, 66.729, 351.327



7, 27.955, 346.466

Previews

White Background



This preview shows how the CIELCh color 75, 26.268, 306.046 looks on a white background.

Color Contrast Check

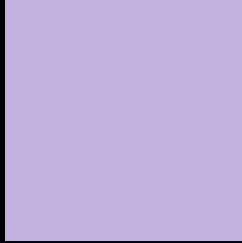
Large Text (above 18pt) WCAG AA × Fail

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 75, 26.268, 306.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

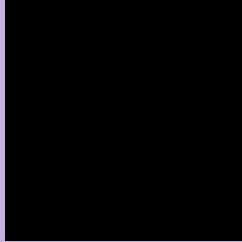
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 26.268, 306.046

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.268, 306.046.



This preview shows how white text looks on a background with the CIELCh color 75, 26.268, 306.046.

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

75, 26.268, 306.046

Protanopia

75, 24.405, 285.453

Deuteranopia

75, 22.752, 294.838



Tritanopia
75, 8.145, 311.806

Trichromacy



Original Color
75, 26.268, 306.046

Protanomaly
75, 24.339, 293.219

Deuteranomaly
75, 24.067, 299.679

Tritanomaly
75, 14.760, 308.303

Monochromacy



Original Color
75, 26.268, 306.046

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.558, 306.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.268, 306.046 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(195, 177, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 177, 224)  
}
```

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(195, 177, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 177, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.268, 306.046 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(195, 177, 224) }
```

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

```
.border{ border-color:rgb(195, 177, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 177, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 177, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 177, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 177,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.268, 306.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 177, 224) }
```

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

```
.background{ background-color: rgb(195,  
177, 224) }
```

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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