

Converting Colors

CIELCh(77, 24.341, 297.061)

Have a look what the booklet for
CIELCh(77, 24.341, 297.061)
contains.

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Color

CIELCh(77, 24.343, 297.131)

Conversions

Conversions Part 1

Format	Color
Hex	BFB9E6
RGB	191, 185, 230
RGB Percent	75%, 73%, 90%
CMY	0.2507, 0.2742, 0.0977
CMYK	0.17, 0.20, 0.00, 0.10
HSL	248°, 47%, 81%
HSV	248°, 20%, 90%
XYZ	53.1623, 51.5317, 82.0636
YIQ	191.9240, -10.8690, 15.2670

Conversions

Conversions Part 2

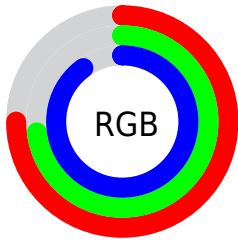
Format	Color
R_{YB}	191, 185, 230
Decimal	12564966
CIE _{Lab}	77.00, 11.10, -21.66
CIE _{LCh}	77, 24.343, 297.131
Yxy	51.5317, 0.2847, 0.2759
Android (android.graphics.Color)	4290755046 (0xFFBFB9E6)
YUV	191.9240, 18.7715, -0.8103
Hunter-Lab	71.7856, 6.5669, -17.5290

Details

The CIELCh color `77, 24.343, 297.131` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `90, 23.293, 113.900`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 7.617, 309.293`, and `57, 24.118, 297.068` is the 20% darker color. If you saturate the color by 10%, you get `70, 37.535, 298.224`, and if you desaturate by 10%, it is `84, 11.665, 296.187`.

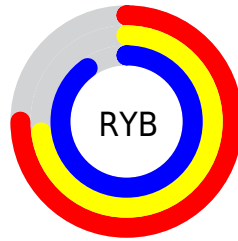
Distribution



Red (75%)

Green (73%)

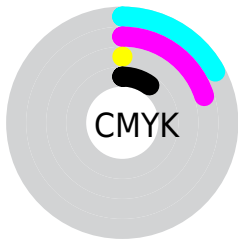
Blue (90%)



Red (75%)

Yellow (73%)

Blue (90%)

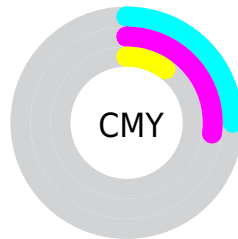


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (10%)



Cyan (25%)


Magenta (27%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 24.343, 297.131 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, 24.343, 297.131 by changing the saturation by 10% instead.


 77, 24.343,
297.131


 77, 24.343,
297.131


 100, 24.343,
297.131


 67, 24.343,
297.131


 97, 24.343,
297.131

 57, 24.343,
297.131

 47, 24.343,
297.131

 37, 24.343,
297.131

 27, 24.343,
297.131

 17, 24.343,
297.131

 7, 24.343, 297.131

■ 0, 24.343, 297.131

■ 77, 24.343,
297.131

■ 77, 24.343,
297.131

■ 70, 37.535,
298.224

■ 84, 11.665,
296.187

■ 62, 51.248,
299.478

■ 92, 0.517, 115.346

■ 55, 65.418,
300.888

■ 99, 12.235,
114.682

■ 48, 79.844,
302.415

■ 99, 12.613,
109.224

■ 42, 94.021,
303.961

■ 36, 106.920,
305.344

■ 32, 116.899,
306.305

■ 30, 122.726,
306.702

■ 29, 122.943,
306.720

Harmonies

Complementary

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



77, 24.343, 297.131



90, 23.293, 113.900

Rectangle

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



77, 24.343, 297.131



77, 24.343, 347.131



77, 24.343, 117.131



77, 24.343, 167.131

Sweetspot

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



77, 24.341, 297.130



95, 7.908, 295.888



87, 13.626, 210.252



50, 5.251, 295.942



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, 24.341, 297.130



82, 31.337, 297.502



79, 26.051, 313.874



44, 6.916, 296.178



22, 101.554, 306.799



3, 33.944, 299.957

Inverse Universe

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



80, 26.265, 329.466



86, 33.589, 329.687



88, 25.542, 132.176



45, 7.577, 328.841



41, 79.682, 334.347



8, 33.975, 333.286

Previews

White Background



This preview shows how the CIELCh color 77, 24.343, 297.131 looks on a white background.

Color Contrast Check

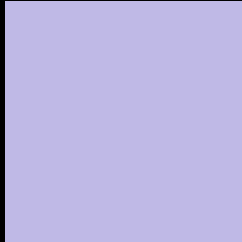
Large Text (above 18pt) WCAG AA × Fail

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, 24.343, 297.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

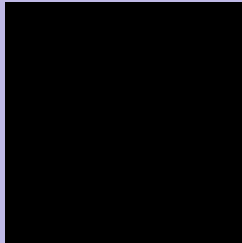
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.343, 297.131

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.343, 297.131.



This preview shows how white text looks on a background with the CIELCh color 77, 24.343, 297.131.

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, 24.343, 297.131

Protanopia

77, 23.725, 285.937

Deuteranopia

77, 23.710, 294.760



Tritanopia
77, 8.107, 283.366

Trichromacy



Original Color
77, 24.343, 297.131

Protanomaly
77, 23.656, 289.911

Deuteranomaly
77, 23.731, 295.571

Tritanomaly
77, 13.979, 291.463

Monochromacy



Original Color
77, 24.343, 297.131

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 9.213, 297.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.343, 297.131 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(191, 185, 230)` looks like.

```
.text, #text, p{  
    color:rgb(191, 185, 230)  
}
```

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(191, 185, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 185, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.343, 297.131 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(191, 185, 230) }
```

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

```
.border{ border-color:rgb(191, 185, 230) }
```

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

Here you see how a box with a 4 pixel rgb(191, 185, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 185, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 185, 230);  
box-shadow:4px 4px 4px 4px rgb(191, 185,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.343, 297.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 185, 230) }
```

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

```
.background{ background-color: rgb(191,  
185, 230) }
```

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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