

Converting Colors

CIELCh(77, 24.508, 292.501)

Have a look what the booklet for
CIELCh(77, 24.508, 292.501)
contains.

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Color

CIELCh(77, 24.747, 292.426)

Conversions

Conversions Part 1

Format	Color
Hex	BABAE8
RGB	186, 186, 232
RGB Percent	73%, 73%, 91%
CMY	0.2696, 0.2696, 0.0892
CMYK	0.20, 0.20, 0.00, 0.09
HSL	240°, 50%, 82%
HSV	240°, 20%, 91%
XYZ	52.5221, 51.5317, 83.7126
YIQ	191.2440, -14.7660, 14.3060

Conversions

Conversions Part 2

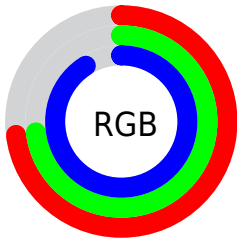
Format	Color
R _Y B	186, 186, 232
Decimal	12237544
CIE Lab	77.00, 9.44, -22.88
CIE LCh	77, 24.747, 292.426
Yxy	51.5317, 0.2797, 0.2744
Android (android.graphics.Color)	4290427624 (0xFFBABA E8)
YUV	191.2440, 20.0927, -4.5990
Hunter-Lab	71.7856, 4.9750, -18.8909

Details

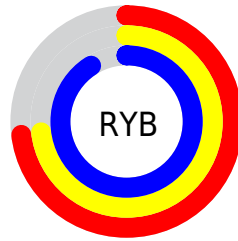
The CIELCh color $77, 24.747, 292.426$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $91, 23.633, 108.254$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.688, 293.655$, and $57, 24.571, 292.205$ is the 20% darker color. If you saturate the color by 10%, you get $69, 38.035, 293.868$, and if you desaturate by 10%, it is $85, 12.008, 291.203$.

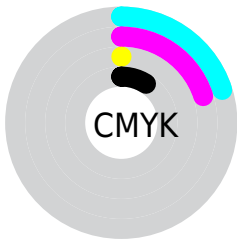
Distribution



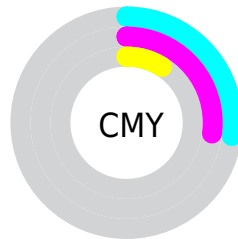
- Red (73%)
- Green (73%)
- Blue (91%)



- Red (73%)
- Yellow (73%)
- Blue (91%)



- Cyan (20%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 24.747, 292.426 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, 24.747, 292.426 by changing the saturation by 10% instead.

■ 77, 24.747,
292.426

■ 77, 24.747,
292.426

■ 100, 24.747,
292.426

■ 67, 24.747,
292.426

■ 97, 24.747,
292.426

■ 57, 24.747,
292.426

■ 47, 24.747,
292.426

■ 37, 24.747,
292.426

■ 27, 24.747,
292.426

■ 17, 24.747,
292.426

■ 7, 24.747, 292.426

0, 24.747, 292.426

77, 24.747,
292.426

77, 24.747,
292.426

69, 38.035,
293.868

85, 12.008,
291.203

62, 51.906,
295.557

92, 0.218, 109.831

54, 66.334,
297.497

99, 11.512,
109.307

47, 81.151,
299.648

40, 95.832,
301.878

35, 109.175,
303.933

■ 31,119.198,
305.462

■ 29,124.599,
306.274

■ 29,124.686,
306.287

Harmonies

Complementary

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



77, 24.747, 292.426



91, 23.633, 108.254

Rectangle

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



77, 24.747, 292.426



77, 24.747, 342.426



77, 24.747, 112.426



77, 24.747, 162.426

Sweetspot

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



77, 24.745, 292.425



95, 7.867, 290.795



89, 15.507, 198.401



50, 5.224, 290.863



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, 24.745, 292.425



80, 32.635, 293.018



79, 25.985, 309.997



45, 7.006, 291.165



21, 103.475, 306.287



2, 35.734, 297.751

Inverse Universe

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



81, 29.365, 325.522



85, 38.381, 325.758



89, 25.288, 128.165



46, 8.457, 324.943



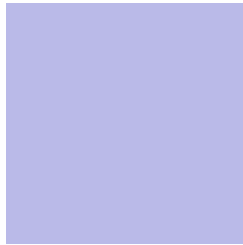
43, 89.362, 328.233



9, 38.267, 328.233

Previews

White Background



This preview shows how the CIELCh color 77, 24.747, 292.426 looks on a white background.

Color Contrast Check

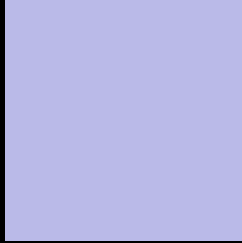
Large Text (above 18pt) WCAG AA × Fail

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, 24.747, 292.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

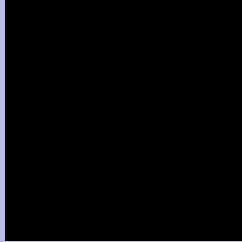
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.747, 292.426

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.747, 292.426.



This preview shows how white text looks on a background with the CIELCh color 77, 24.747, 292.426.

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, 24.747, 292.426

Protanopia

77, 24.788, 286.336

Deuteranopia

77, 24.754, 293.195



Tritanopia
77, 8.719, 267.104

Trichromacy



Original Color
77, 24.747, 292.426

Protanomaly
77, 24.749, 288.602

Deuteranomaly
77, 24.754, 293.195

Tritanomaly
77, 14.610, 283.372

Monochromacy



Original Color
77, 24.747, 292.426

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.136, 291.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.747, 292.426 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, 186, 232)` looks like.

```
.text, #text, p{  
    color:rgb(186, 186, 232)  
}
```

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, 186, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 186, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.747, 292.426 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, 186, 232) }
```

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

```
.border{ border-color:rgb(186, 186, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 186, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 186, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 186, 232);  
box-shadow:4px 4px 4px 4px rgb(186, 186,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.747, 292.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 186, 232) }
```

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

```
.background{ background-color: rgb(186,  
186, 232) }
```

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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