

Converting Colors

CIELCh(77, 32.546, 326.027)

Have a look what the booklet for
CIELCh(77, 32.546, 326.027)
contains.

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Color

CIELCh(77, 32.324, 326.213)

Conversions

Conversions Part 1

Format	Color
Hex	E1AEE0
RGB	225, 174, 224
RGB Percent	88%, 68%, 88%
CMY	0.1185, 0.3185, 0.1224
CMYK	0.00, 0.23, 0.00, 0.12
HSL	301°, 46%, 78%
HSV	301°, 23%, 88%
XYZ	59.5015, 51.5317, 77.1744
YIQ	194.9490, 14.3460, 26.3620

Conversions

Conversions Part 2

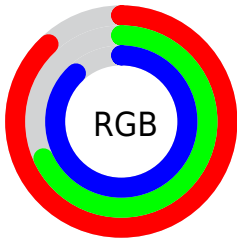
Format	Color
R _Y B	225, 174, 224
Decimal	14790368
CIE Lab	77.00, 26.86, -17.98
CIE LCh	77, 32.324, 326.213
Yxy	51.5317, 0.3161, 0.2738
Android (android.graphics.Color)	4292980448 (0xFFE1AEE0)
YUV	194.9490, 14.3221, 26.3547
Hunter-Lab	71.7856, 22.3299, -13.4909

Details

The CIELCh color $77, 32.324, 326.213$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 32.302, 143.466$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $57, 32.488, 325.956$ is the 20% darker color. If you saturate the color by 10%, you get $72, 46.421, 326.756$, and if you desaturate by 10%, it is $82, 18.027, 325.653$.

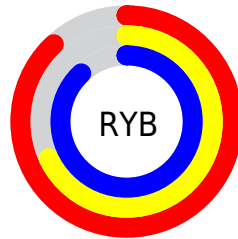
Distribution



Red (88%)

Green (68%)

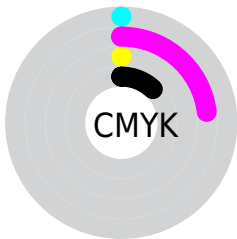
Blue (88%)



Red (88%)

Yellow (68%)

Blue (88%)

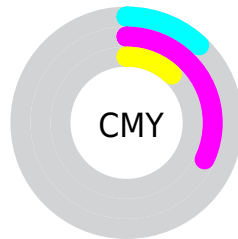


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (32%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 32.324, 326.213 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, 32.324, 326.213 by changing the saturation by 10% instead.


 77, 32.324,
326.213


 77, 32.324,
326.213


 100, 32.324,
326.213


 67, 32.324,
326.213


 97, 32.324,
326.213

 57, 32.324,
326.213

 47, 32.324,
326.213

 37, 32.324,
326.213

 27, 32.324,
326.213

 17, 32.324,
326.213

 7, 32.324, 326.213

0, 32.324, 326.213

77, 32.324,
326.213

77, 32.324,
326.213

72, 46.421,
326.756

82, 18.027,
325.653

67, 59.968,
327.271

88, 3.794, 325.039

63, 72.495,
327.743

94, 10.210,
144.598

59, 83.454,
328.155

97, 18.558,
144.411

57, 92.292,
328.496

97, 18.374,
144.810

55, 98.577,
328.757

97, 18.190,
145.217

■ 54, 102.164,
328.939

■ 97, 18.007,
145.631

■ 53, 103.441,
329.035

■ 97, 17.825,
146.054

■ 97, 17.644,
146.485

Harmonies

Complementary

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



77, 32.324, 326.213



85, 32.302, 143.466

Rectangle

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



77, 32.324, 326.213



77, 32.324, 16.213



77, 32.324, 146.213



77, 32.324, 196.213

Sweetspot

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



77, 32.321, 326.213



96, 10.988, 325.327



73, 27.762, 293.386



51, 7.142, 325.363



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, 32.321, 326.213



84, 42.592, 326.461



76, 23.053, 346.615



44, 8.046, 325.467



42, 86.164, 329.022



8, 35.461, 328.886

Inverse Universe

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



77, 32.321, 326.213



84, 42.592, 326.461



85, 22.355, 162.517



44, 8.046, 325.467



42, 86.164, 329.022



8, 35.461, 328.886

Previews

White Background



This preview shows how the CIELCh color 77, 32.324, 326.213 looks on a white background.

Color Contrast Check

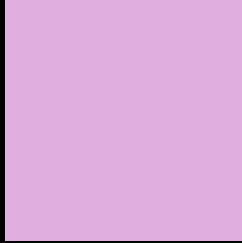
Large Text (above 18pt) WCAG AA × Fail

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, 32.324, 326.213 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, 32.324, 326.213

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.324, 326.213.



This preview shows how white text looks on a background with the CIELCh color 77, 32.324, 326.213.

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





Tritanopia
77, 17.446, 355.578

Trichromacy



Original Color
77, 32.324, 326.213

Protanomaly
77, 25.770, 302.291

Deuteranomaly
77, 23.066, 312.426

Tritanomaly
77, 21.967, 340.220

Monochromacy



Original Color
77, 32.324, 326.213

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.919, 326.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.324, 326.213 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(225, 174, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 174, 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(225, 174, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 174, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.324, 326.213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

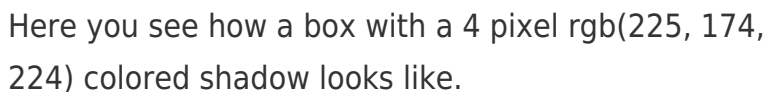
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 174, 224) }
```

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

```
.border{ border-color:rgb(225, 174, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 174, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 174, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 174, 224); box-shadow:4px 4px 4px 4px rgb(225, 174, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.324, 326.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 174, 224) }
```

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

```
.background{ background-color: rgb(225,  
174, 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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