

Converting Colors

CIELCh(77, 35.064, 325.533)

Have a look what the booklet for
CIELCh(77, 35.064, 325.533)
contains.

CIELCh(77, 35.260, 325.761)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 35.260, 325.761)

Conversions

Conversions Part 1

Format	Color
Hex	E3ACE3
RGB	227, 172, 227
RGB Percent	89%, 67%, 89%
CMY	0.1088, 0.3245, 0.1088
CMYK	0.00, 0.24, 0.00, 0.11
HSL	300°, 50%, 78%
HSV	300°, 24%, 89%
XYZ	60.4600, 51.5317, 79.6190
YIQ	194.7150, 15.1250, 28.7650

Conversions

Conversions Part 2

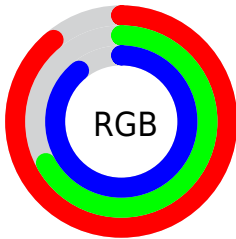
Format	Color
R _Y B	227, 172, 227
Decimal	14920931
CIE Lab	77.00, 29.15, -19.84
CIE LCh	77, 35.260, 325.761
Yxy	51.5317, 0.3155, 0.2689
Android (android.graphics.Color)	4293111011 (0xFFE3ACE3)
YUV	194.7150, 15.9165, 28.3139
Hunter-Lab	71.7856, 24.7133, -15.5099

Details

The CIELCh color $77, 35.260, 325.761$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 35.244, 142.827$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $57, 35.543, 325.543$ is the 20% darker color. If you saturate the color by 10%, you get $72, 49.607, 326.291$, and if you desaturate by 10%, it is $82, 20.657, 325.210$.

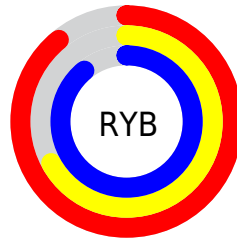
Distribution



Red (89%)

Green (67%)

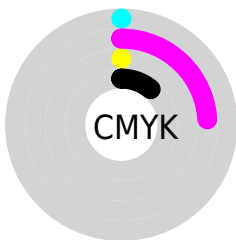
Blue (89%)



Red (89%)

Yellow (67%)

Blue (89%)

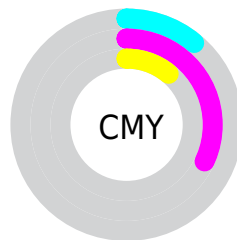


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (32%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 35.260, 325.761 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, 35.260, 325.761 by changing the saturation by 10% instead.


 77, 35.260,
325.761


 77, 35.260,
325.761


 100, 35.260,
325.761


 67, 35.260,
325.761


 97, 35.260,
325.761

 57, 35.260,
325.761

 47, 35.260,
325.761

 37, 35.260,
325.761

 27, 35.260,
325.761

 17, 35.260,
325.761

 7, 35.260, 325.761

■ 0, 35.260, 325.761

■ 77, 35.260,
325.761

■ 77, 35.260,
325.761

■ 72, 49.607,
326.291

■ 82, 20.657,
325.210

■ 67, 63.322,
326.785

■ 88, 6.083, 324.627

■ 63, 75.913,
327.228

■ 94, 8.278, 144.164

■ 60, 86.819,
327.602

■ 97, 17.319,
143.806

■ 57, 95.494,
327.893

■ 97, 17.318,
143.806

■ 55, 101.544,
328.092

■ 97, 17.318,
143.807

■ 97, 17.318,

■ 54, 104.889,
328.201

143.808

■ 54, 105.928,
328.234

■ 97, 17.317,
143.809

■ 97, 17.317,
143.810

Harmonies

Complementary

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



77, 35.260, 325.761



85, 35.244, 142.827

Rectangle

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



77, 35.260, 325.761



77, 35.260, 15.761



77, 35.260, 145.761



77, 35.260, 195.761

Sweetspot

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



77, 35.257, 325.761



96, 11.134, 324.802



72, 29.982, 293.025



51, 7.237, 324.838



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, 35.257, 325.761



83, 46.316, 326.028



76, 25.106, 345.830



45, 8.306, 324.942



42, 88.425, 328.234



9, 37.107, 328.234

Inverse Universe

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



77, 35.257, 325.761



83, 46.316, 326.028



86, 24.358, 161.473



45, 8.306, 324.942



42, 88.425, 328.234



9, 37.107, 328.234

Previews

White Background



This preview shows how the CIELCh color 77, 35.260, 325.761 looks on a white background.

Color Contrast Check

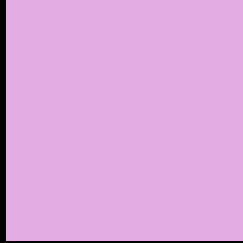
Large Text (above 18pt) WCAG AA × Fail

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, 35.260, 325.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

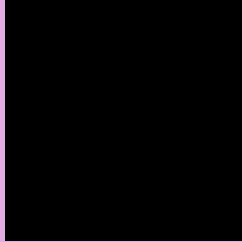
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 35.260, 325.761

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.260, 325.761.



This preview shows how white text looks on a background with the CIELCh color 77, 35.260, 325.761.

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, 35.260, 325.761

Protanopia
77, 26.968, 285.705

Deuteranopia
77, 21.117, 297.646



Tritanopia
77, 17.791, 356.148

Trichromacy



Original Color
77, 35.260, 325.761



Protanomaly
77, 28.490, 302.174



Deuteranomaly
77, 25.709, 311.126

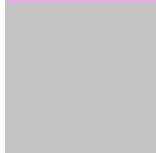


Tritanomaly
77, 22.848, 340.491

Monochromacy



Original Color
77, 35.260, 325.761



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 12.995, 324.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.260, 325.761 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(227, 172, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 172, 227)  
}
```

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(227, 172, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 172, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.260, 325.761 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(227, 172, 227) }
```

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

```
.border{ border-color:rgb(227, 172, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 172, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 172, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 172, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 172,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.260, 325.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 172, 227) }
```

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

```
.background{ background-color: rgb(227,  
172, 227) }
```

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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