

Converting Colors

CIELCh(77, 24.132, 356.874)

Have a look what the booklet for
CIELCh(77, 24.132, 356.874)
contains.

CIELCh(77, 24.379, 357.130)	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, 24.379, 357.130)

Conversions

Conversions Part 1

Format	Color
Hex	E9AEC1
RGB	233, 174, 193
RGB Percent	91%, 68%, 76%
CMY	0.0857, 0.3171, 0.2426
CMYK	0.00, 0.25, 0.17, 0.09
HSL	341°, 57%, 80%
HSV	341°, 25%, 91%
XYZ	58.4575, 51.5317, 57.4005
YIQ	193.8070, 29.0650, 18.4170

Conversions

Conversions Part 2

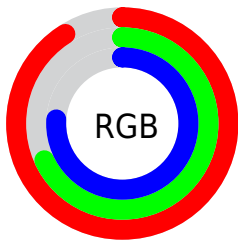
Format	Color
R _Y B	233, 174, 193
Decimal	15314625
CIE Lab	77.00, 24.35, -1.22
CIE LCh	77, 24.379, 357.130
Yxy	51.5317, 0.3492, 0.3079
Android (android.graphics.Color)	4293504705 (0xFFE9AEC1)
YUV	193.8070, -0.3979, 34.3723
Hunter-Lab	71.7856, 19.7339, 2.8410

Details

The CIELCh color **77, 24.379, 357.130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88, 22.758, 171.996**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 13.214, 332.576**, and **57, 24.358, 356.240** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.414, 358.534**, and if you desaturate by 10%, it is **83, 14.502, 355.935**.

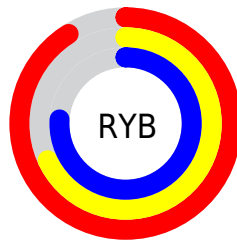
Distribution



Red (91%)

Green (68%)

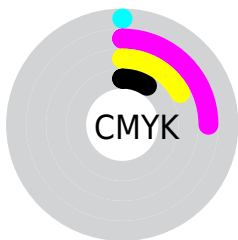
Blue (76%)



Red (91%)

Yellow (68%)

Blue (76%)

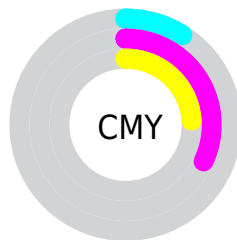


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (9%)



Cyan (9%)


Magenta (32%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 24.379, 357.130 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, 24.379, 357.130 by changing the saturation by 10% instead.

 77, 24.379,
357.130

 77, 24.379,
357.130


 100, 24.379,
357.130


 67, 24.379,
357.130


 97, 24.379,
357.130

 57, 24.379,
357.130

 47, 24.379,
357.130

 37, 24.379,
357.130

 27, 24.379,
357.130

 17, 24.379,
357.130

 7, 24.379, 357.130

0, 24.379, 357.130

77, 24.379,
357.130

77, 24.379,
357.130

71, 34.414,
358.534

83, 14.502,
355.935

66, 44.375, 0.217

89, 4.933, 354.842

61, 53.910, 2.287

95, 4.258, 174.175

57, 62.569, 4.884

98, 7.471, 199.021

54, 69.894, 8.180

51, 75.593, 12.346

50, 79.753, 17.458

49, 81.492, 20.030

Harmonies

Complementary

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



77, 24.379, 357.130



88, 22.758, 171.996

Rectangle

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



77, 24.379, 357.130



77, 24.379, 47.130



77, 24.379, 177.130



77, 24.379, 227.130

Sweetspot

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



77, 24.376, 357.133



95, 8.039, 355.144



76, 34.627, 315.754



50, 5.730, 355.307



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, 24.376, 357.133



81, 31.275, 357.781



79, 20.106, 35.813



46, 5.350, 355.298



38, 67.111, 19.012



7, 27.804, 8.058

Inverse Universe

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



77, 24.376, 357.133



81, 31.275, 357.781



86, 16.866, 216.318



46, 5.350, 355.298



38, 67.111, 19.012



7, 27.804, 8.058

Previews

White Background



This preview shows how the CIELCh color 77, 24.379, 357.130 looks on a white background.

Color Contrast Check

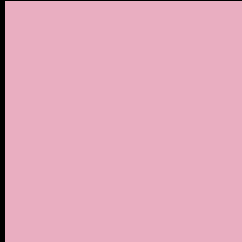
Large Text (above 18pt) WCAG AA × Fail

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, 24.379, 357.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

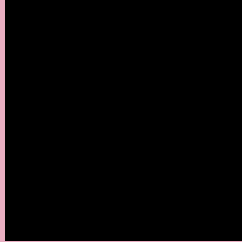
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.379, 357.130

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.379, 357.130.



This preview shows how white text looks on a background with the CIELCh color 77, 24.379, 357.130.

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, 24.379, 357.130

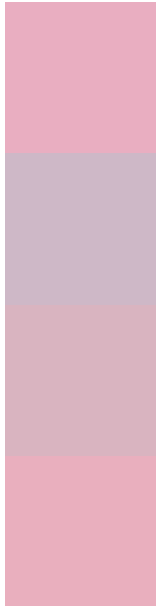
Protanopia
77, 7.003, 293.769

Deuteranopia
77, 9.746, 357.603



Tritanopia
77, 23.109, 4.097

Trichromacy



Original Color
77, 24.379, 357.130

Protanomaly
77, 11.456, 335.743

Deuteranomaly
77, 15.303, 355.963

Tritanomaly
77, 23.362, 1.564

Monochromacy



Original Color
77, 24.379, 357.130

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.684, 354.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.379, 357.130 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(233, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(233, 174, 193)  
}
```

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(233, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 174, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.379, 357.130 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(233, 174, 193) }
```

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

```
.border{ border-color:rgb(233, 174, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 174, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(233, 174,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.379, 357.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 174, 193) }
```

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

```
.background{ background-color: rgb(233,  
174, 193) }
```

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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