

Converting Colors

CIELCh(77, 23.656, 4.907)

Have a look what the booklet for
CIELCh(77, 23.656, 4.907) contains.

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Color

CIELCh(77, 23.875, 4.755)

Conversions

Conversions Part 1

Format	Color
Hex	EAAEBB
RGB	234, 174, 187
RGB Percent	92%, 68%, 73%
CMY	0.0811, 0.3165, 0.2655
CMYK	0.00, 0.26, 0.20, 0.08
HSL	347°, 59%, 80%
HSV	347°, 26%, 92%
XYZ	58.2287, 51.5317, 54.0572
YIQ	193.4220, 31.5870, 16.7630

Conversions

Conversions Part 2

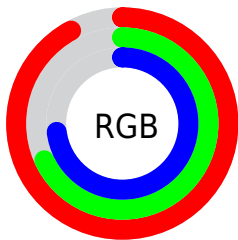
Format	Color
RYB	234, 174, 187
Decimal	15380155
CIELab	77.00, 23.79, 1.98
CIELCh	77, 23.875, 4.755
Yxy	51.5317, 0.3554, 0.3146
Android (android.graphics.Color)	4293570235 (0xFFEAAEBB)
YUV	193.4220, -3.1660, 35.5869
Hunter-Lab	71.7856, 19.1648, 5.6024

Details

The CIELCh color $77, 23.875, 4.755$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $89, 21.589, 179.601$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.159, 343.360$, and $57, 23.828, 4.377$ is the 20% darker color. If you saturate the color by 10%, you get $71, 33.837, 6.249$, and if you desaturate by 10%, it is $83, 14.219, 3.514$.

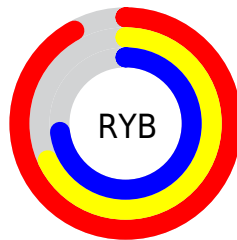
Distribution



Red (92%)

Green (68%)

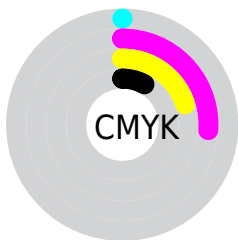
Blue (73%)



Red (92%)

Yellow (68%)

Blue (73%)

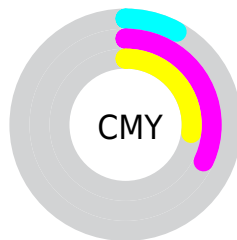


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (8%)



Cyan (8%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 23.875, 4.755 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, 23.875, 4.755 by changing the saturation by 10% instead.

 77, 23.875, 4.755  77, 23.875, 4.755

 100, 23.875, 4.755  67, 23.875, 4.755

 97, 23.875, 4.755  57, 23.875, 4.755

 47, 23.875, 4.755

 37, 23.875, 4.755

 27, 23.875, 4.755

 17, 23.875, 4.755

 7, 23.875, 4.755

 0, 23.875, 4.755

 77, 23.875, 4.755  77, 23.875, 4.755

71, 33.837, 6.249

83, 14.219, 3.514

66, 43.914, 8.077

89, 4.985, 2.401

61, 53.799, 10.364

96, 3.785, 181.773

57, 63.097, 13.260

99, 7.081, 199.051

53, 71.414, 16.926

51, 78.511, 21.460

50, 84.447, 26.758

49, 86.903, 29.098

Harmonies

Complementary

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



77, 23.875, 4.755



89, 21.589, 179.601

Rectangle

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



77, 23.875, 4.755



77, 23.875, 54.755



77, 23.875, 184.755



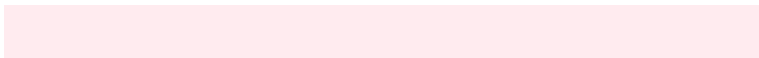
77, 23.875, 234.755

Sweetspot

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



77, 23.872, 4.759



95, 7.656, 2.673



77, 36.138, 319.439



50, 5.462, 2.838



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, 23.872, 4.759



80, 31.296, 5.547



81, 19.288, 48.120



46, 5.100, 2.829



38, 71.045, 28.094



7, 27.879, 13.700

Inverse Universe

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



77, 23.872, 4.759



80, 31.296, 5.547



84, 16.480, 231.716



46, 5.100, 2.829



38, 71.045, 28.094



7, 27.879, 13.700

Previews

White Background



This preview shows how the CIELCh color 77, 23.875, 4.755 looks on a white background.

Color Contrast Check

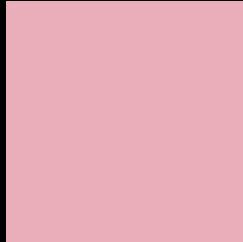
Large Text (above 18pt) WCAG AA × Fail

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, 23.875, 4.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

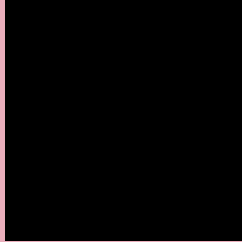
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 23.875, 4.755

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.875, 4.755.

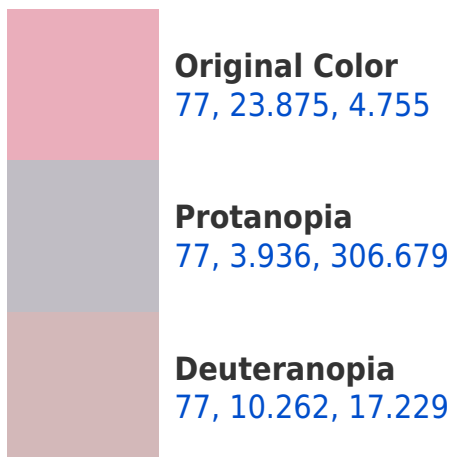



This preview shows how white text looks on a background with the CIELCh color 77, 23.875, 4.755.

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, 23.988, 3.517

Trichromacy



Original Color
77, 23.875, 4.755

Protanomaly
77, 9.853, 350.930

Deuteranomaly
77, 15.173, 8.530

Tritanomaly
77, 23.988, 3.517

Monochromacy



Original Color
77, 23.875, 4.755

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.660, 2.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.875, 4.755 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(234, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 187)  
}
```

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(234, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.875, 4.755 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(234, 174, 187) }
```

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

```
.border{ border-color:rgb(234, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.875, 4.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 187) }
```

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

```
.background{ background-color: rgb(234,  
174, 187) }
```

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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