

Converting Colors

CIELCh(77, 24.500, 14.170)

Have a look what the booklet for
CIELCh(77, 24.500, 14.170) contains.

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Color

CIELCh(77, 24.609, 14.167)

Conversions

Conversions Part 1

Format	Color
Hex	EDAEB4
RGB	237, 174, 180
RGB Percent	93%, 68%, 71%
CMY	0.0709, 0.3179, 0.2944
CMYK	0.00, 0.27, 0.24, 0.07
HSL	354°, 64%, 81%
HSV	354°, 27%, 93%
XYZ	58.2565, 51.5317, 50.0209
YIQ	193.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

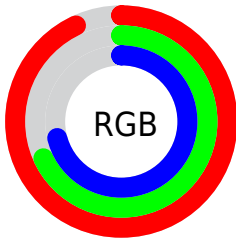
Format	Color
R _Y B	237, 174, 180
Decimal	15576756
CIE Lab	77.00, 23.86, 6.02
CIE LCh	77, 24.609, 14.167
Yxy	51.5317, 0.3645, 0.3225
Android (android.graphics.Color)	4293766836 (0xFFEDAEB4)
YUV	193.5210, -6.6659, 38.1311
Hunter-Lab	71.7856, 19.2341, 8.9361

Details

The CIELCh color **77, 24.609, 14.167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **90, 21.235, 189.516**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.513, 1.134**, and **57, 24.672, 14.455** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.852, 15.640**, and if you desaturate by 10%, it is **83, 14.870, 12.987**.

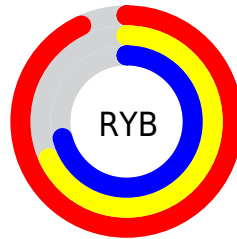
Distribution



Red (93%)

Green (68%)

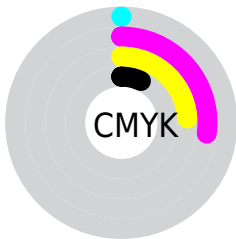
Blue (71%)



Red (93%)

Yellow (68%)

Blue (71%)

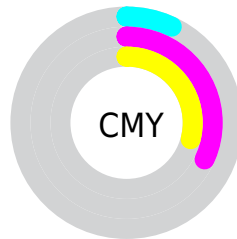


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 24.609, 14.167 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, 24.609, 14.167 by changing the saturation by 10% instead.

 77, 24.609, 14.167

 77, 24.609, 14.167

 100, 24.609,
14.167

 67, 24.609, 14.167

 97, 24.609, 14.167

 57, 24.609, 14.167

 47, 24.609, 14.167

 37, 24.609, 14.167

 27, 24.609, 14.167

 17, 24.609, 14.167

 7, 24.609, 14.167

 0, 24.609, 14.167

 77, 24.609, 14.167

 77, 24.609, 14.167

71, 34.852, 15.640

83, 14.870, 12.987

66, 45.451, 17.497

89, 5.712, 11.971

61, 56.146, 19.868

96, 2.857, 191.506

57, 66.592, 22.885

99, 6.201, 199.119

53, 76.417, 26.633

51, 85.282, 31.012

50, 92.696, 35.496

50, 94.841, 36.768

Harmonies

Complementary

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



77, 24.609, 14.167



90, 21.235, 189.516

Rectangle

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



77, 24.609, 14.167



77, 24.609, 64.167



77, 24.609, 194.167



77, 24.609, 244.167

Sweetspot

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



77, 24.607, 14.172



95, 7.399, 12.117



78, 38.981, 323.004



50, 5.285, 12.267



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, 24.607, 14.172



79, 31.958, 14.944



83, 20.085, 61.187



46, 4.934, 12.259



38, 76.843, 36.023



7, 28.168, 18.826

Inverse Universe

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



77, 24.607, 14.172



79, 31.958, 14.944



83, 17.825, 247.480



46, 4.934, 12.259



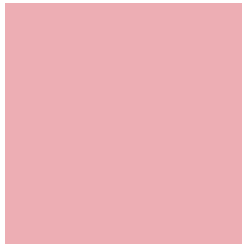
38, 76.843, 36.023



7, 28.168, 18.826

Previews

White Background



This preview shows how the CIELCh color 77, 24.609, 14.167 looks on a white background.

Color Contrast Check

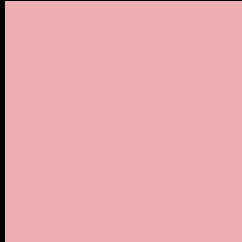
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 24.609, 14.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

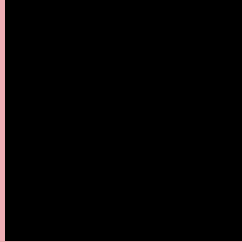
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.609, 14.167

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.609, 14.167.

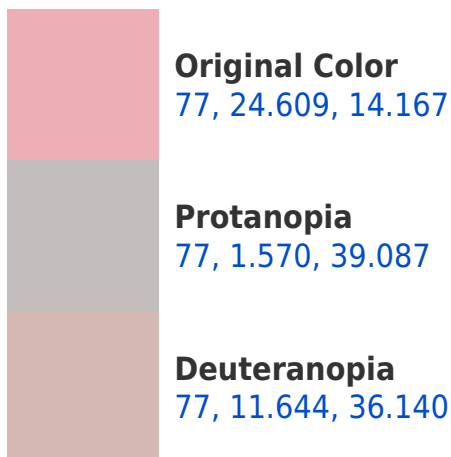


This preview shows how white text looks on a background with the CIELCh color 77, 24.609, 14.167.

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](#).

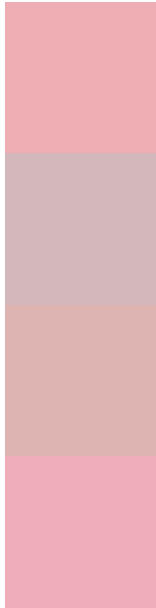
Dichromacy





Tritanopia
77, 25.771, 6.237

Trichromacy



Original Color
77, 24.609, 14.167

Protanomaly
77, 9.900, 13.996

Deuteranomaly
77, 16.257, 22.600

Tritanomaly
77, 25.614, 8.568

Monochromacy



Original Color
77, 24.609, 14.167

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 8.735, 13.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.609, 14.167 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(237, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(237, 174, 180)  
}
```

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(237, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 174, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.609, 14.167 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(237, 174, 180) }
```

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

```
.border{ border-color:rgb(237, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(237, 174,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.609, 14.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 174, 180) }
```

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

```
.background{ background-color: rgb(237,  
174, 180) }
```

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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