

Converting Colors

CIELCh(77, 25.356, 23.521)

Have a look what the booklet for
CIELCh(77, 25.356, 23.521) contains.

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Color

CIELCh(77, 25.298, 23.943)

Conversions

Conversions Part 1

Format	Color
Hex	EEAEAC
RGB	238, 174, 172
RGB Percent	93%, 68%, 67%
CMY	0.0660, 0.3170, 0.3248
CMYK	0.00, 0.27, 0.28, 0.07
HSL	2°, 66%, 80%
HSV	2°, 28%, 93%
XYZ	57.9528, 51.5317, 46.0069
YIQ	192.9080, 38.7860, 12.9460

Conversions

Conversions Part 2

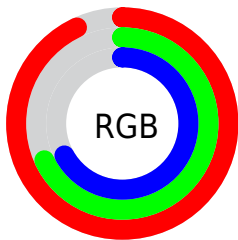
Format	Color
RYB	238, 174, 172
Decimal	15642284
CIELab	77.00, 23.12, 10.27
CIElCh	77, 25.298, 23.943
Yxy	51.5317, 0.3727, 0.3314
Android (android.graphics.Color)	4293832364 (0xFFEEAEAC)
YUV	192.9080, -10.3076, 39.5457
Hunter-Lab	71.7856, 18.4788, 12.2514

Details

The CIELCh color **77, 25.298, 23.943** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89, 20.869, 200.955**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.242, 29.528**, and **57, 25.445, 23.512** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.754, 25.128**, and if you desaturate by 10%, it is **83, 15.537, 23.049**.

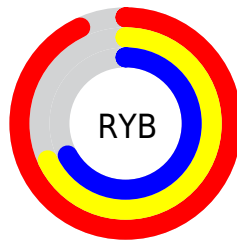
Distribution



Red (93%)

Green (68%)

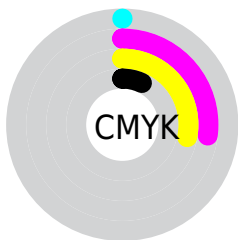
Blue (67%)



Red (93%)

Yellow (68%)

Blue (67%)

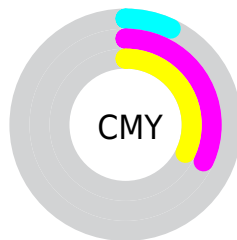


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 25.298, 23.943 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, 25.298, 23.943 by changing the saturation by 10% instead.

77, 25.298, 23.943

77, 25.298, 23.943

100, 25.298,
23.943

67, 25.298, 23.943

97, 25.298, 23.943

57, 25.298, 23.943

47, 25.298, 23.943

37, 25.298, 23.943

27, 25.298, 23.943

17, 25.298, 23.943

7, 25.298, 23.943

0, 25.298, 23.943

77, 25.298, 23.943

77, 25.298, 23.943

71, 35.754, 25.128

83, 15.537, 23.049

66, 46.818, 26.683

89, 6.499, 22.326

61, 58.294, 28.711

96, 1.847, 202.262

57, 69.868, 31.281

99, 5.778, 199.154

54, 81.059, 34.337

51, 90.966, 37.478

50, 97.740, 39.737

50, 98.936, 40.232

Harmonies

Complementary

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



77, 25.298, 23.943



89, 20.869, 200.955

Rectangle

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



77, 25.298, 23.943



77, 25.298, 73.943



77, 25.298, 203.943



77, 25.298, 253.943

Sweetspot

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



77, 25.296, 23.949



95, 7.131, 22.348



78, 41.441, 326.413



50, 5.099, 22.454



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, 25.296, 23.949



79, 32.503, 24.546



85, 21.987, 73.678



47, 4.845, 22.449



38, 81.280, 40.320



8, 29.170, 25.442

Inverse Universe

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



89, 20.869, 200.955



94, 25.696, 200.796



81, 20.531, 261.539



49, 4.559, 201.679



66, 37.547, 201.278



20, 16.482, 200.571

Previews

White Background



This preview shows how the CIELCh color 77, 25.298, 23.943 looks on a white background.

Color Contrast Check

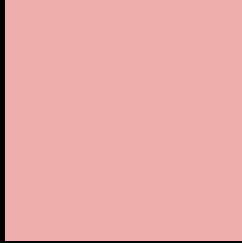
Large Text (above 18pt) WCAG AA × Fail

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, 25.298, 23.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

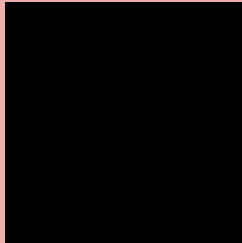
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 25.298, 23.943

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.298, 23.943.

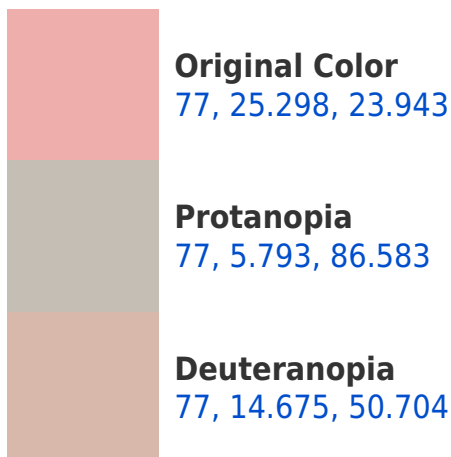



This preview shows how white text looks on a background with the CIELCh color 77, 25.298, 23.943.

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, 26.929, 7.049

Trichromacy



Original Color
77, 25.298, 23.943

Protanomaly
77, 11.080, 39.813

Deuteranomaly
77, 18.028, 36.087

Tritanomaly
77, 25.832, 13.468

Monochromacy



Original Color
77, 25.298, 23.943

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 8.734, 23.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.298, 23.943 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(238, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(238, 174, 172)  
}
```

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(238, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 174, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.298, 23.943 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(238, 174, 172) }
```

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

```
.border{ border-color:rgb(238, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(238, 174,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.298, 23.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 174, 172) }
```

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

```
.background{ background-color: rgb(238,  
174, 172) }
```

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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