

Converting Colors

CIELCh(77, 21.898, 10.159)

Have a look what the booklet for
CIELCh(77, 21.898, 10.159) contains.

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Color

CIELCh(77, 21.898, 10.159)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0B8
RGB	232, 176, 184
RGB Percent	91%, 69%, 72%
CMY	0.0911, 0.3107, 0.2793
CMYK	0.00, 0.24, 0.21, 0.09
HSL	351°, 55%, 80%
HSV	351°, 24%, 91%
XYZ	57.3128, 51.5317, 52.1515
YIQ	193.6560, 30.8080, 14.3600

Conversions

Conversions Part 2

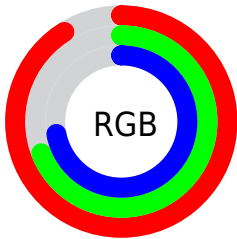
Format	Color
R _Y B	232, 176, 184
Decimal	15249592
CIE Lab	77.00, 21.55, 3.86
CIE LCh	77, 21.898, 10.159
Yxy	51.5317, 0.3560, 0.3201
Android (android.graphics.Color)	4293439672 (0xFFE8B0B8)
YUV	193.6560, -4.7604, 33.6277
Hunter-Lab	71.7856, 16.8875, 7.1763

Details

The CIELCh color **77, 21.898, 10.159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88, 19.474, 185.667**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 9.209, 353.524**, and **57, 21.753, 10.001** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.769, 11.596**, and if you desaturate by 10%, it is **83, 12.466, 8.982**.

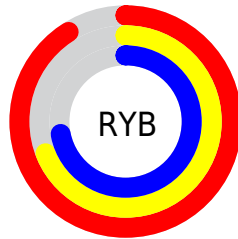
Distribution



Red (91%)

Green (69%)

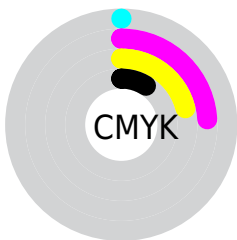
Blue (72%)



Red (91%)

Yellow (69%)

Blue (72%)

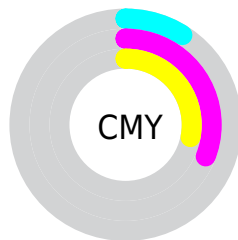


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 21.898, 10.159 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, 21.898, 10.159 by changing the saturation by 10% instead.

77, 21.898, 10.159

77, 21.898, 10.159

100, 21.898,
10.159

67, 21.898, 10.159

97, 21.898, 10.159

57, 21.898, 10.159

47, 21.898, 10.159

37, 21.898, 10.159

27, 21.898, 10.159

17, 21.898, 10.159

7, 21.898, 10.159

0, 21.898, 10.159

77, 21.898, 10.159

77, 21.898, 10.159

71, 31.769, 11.596

83, 12.466, 8.982

66, 41.936, 13.377

89, 3.551, 7.899

61, 52.148, 15.627

96, 4.835, 187.370

56, 62.062, 18.486

98, 7.934, 198.987

53, 71.310, 22.089

50, 79.607, 26.473

49, 86.793, 31.404

49, 90.522, 34.162

Harmonies

Complementary

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



77, 21.898, 10.159



88, 19.474, 185.667

Rectangle

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



77, 21.898, 10.159



77, 21.898, 60.159



77, 21.898, 190.159



77, 21.898, 240.159

Sweetspot

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



77, 21.896, 10.164



95, 6.521, 8.228



78, 34.326, 321.400



50, 4.245, 8.293



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, 21.896, 10.164



81, 28.788, 10.843



82, 17.723, 55.733



45, 4.893, 8.482



37, 73.750, 33.270



7, 26.738, 15.822

Inverse Universe

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



77, 21.896, 10.164



81, 28.788, 10.843



83, 15.622, 240.530



45, 4.893, 8.482



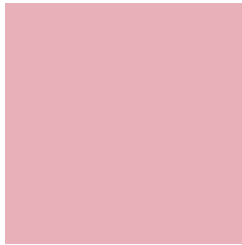
37, 73.750, 33.270



7, 26.738, 15.822

Previews

White Background



This preview shows how the CIELCh color 77, 21.898, 10.159 looks on a white background.

Color Contrast Check

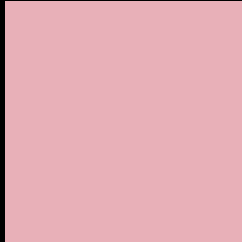
Large Text (above 18pt) WCAG AA × Fail

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, 21.898, 10.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

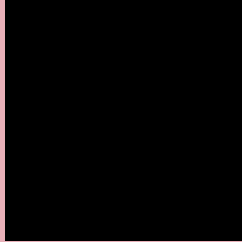
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 21.898, 10.159

Background



This preview shows how black text looks on a background with the CIELCh color 77, 21.898, 10.159.



This preview shows how white text looks on a background with the CIELCh color 77, 21.898, 10.159.

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, 21.898, 10.159

Protanopia

77, 2.203, 332.329

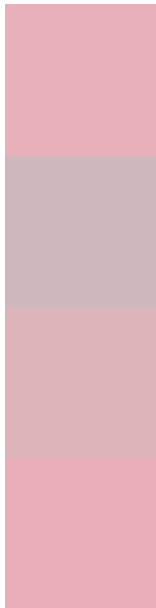
Deuteranopia

77, 10.755, 25.902



Tritanopia
77, 22.863, 2.469

Trichromacy



Original Color
77, 21.898, 10.159

Protanomaly
77, 9.049, 2.938

Deuteranomaly
77, 14.588, 16.425

Tritanomaly
77, 22.627, 5.068

Monochromacy



Original Color
77, 21.898, 10.159

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.672, 7.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 21.898, 10.159 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(232, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 184)  
}
```

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(232, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 21.898, 10.159 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(232, 176, 184) }
```

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

```
.border{ border-color:rgb(232, 176, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 21.898, 10.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 184) }
```

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

```
.background{ background-color: rgb(232,  
176, 184) }
```

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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