

Converting Colors

CIELCh(77, 21.228, 19.948)

Have a look what the booklet for
CIELCh(77, 21.228, 19.948) contains.

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Color

CIELCh(77, 21.011, 19.741)

Conversions

Conversions Part 1

Format	Color
Hex	E7B1B2
RGB	231, 177, 178
RGB Percent	91%, 69%, 70%
CMY	0.0949, 0.3066, 0.3027
CMYK	0.00, 0.23, 0.23, 0.09
HSL	359°, 53%, 80%
HSV	359°, 23%, 91%
XYZ	56.5919, 51.5317, 48.9840
YIQ	193.2600, 31.8630, 11.7590

Conversions

Conversions Part 2

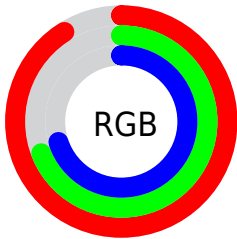
Format	Color
R _Y B	231, 177, 178
Decimal	15184306
CIE Lab	77.00, 19.78, 7.10
CIE LCh	77, 21.011, 19.741
Yxy	51.5317, 0.3602, 0.3280
Android (android.graphics.Color)	4293374386 (0xFFE7B1B2)
YUV	193.2600, -7.5232, 33.0980
Hunter-Lab	71.7856, 15.0950, 9.7925

Details

The CIELCh color **77, 21.011, 19.741** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88, 18.060, 196.555**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 7.951, 16.187**, and **57, 20.876, 20.183** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.094, 20.977**, and if you desaturate by 10%, it is **83, 11.579, 18.777**.

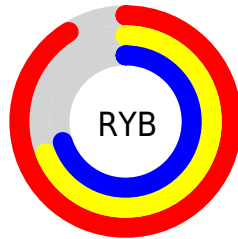
Distribution



Red (91%)

Green (69%)

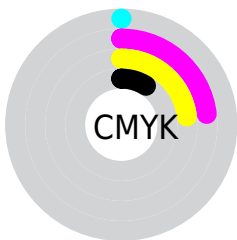
Blue (70%)



Red (91%)

Yellow (69%)

Blue (70%)

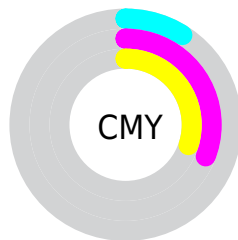


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 21.011, 19.741 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, 21.011, 19.741 by changing the saturation by 10% instead.

77, 21.011, 19.741

77, 21.011, 19.741

100, 21.011,
19.741

67, 21.011, 19.741

97, 21.011, 19.741

57, 21.011, 19.741

47, 21.011, 19.741

37, 21.011, 19.741

27, 21.011, 19.741

17, 21.011, 19.741

7, 21.011, 19.741

0, 21.011, 19.741

77, 21.011, 19.741

77, 21.011, 19.741

71, 31.094, 20.977

83, 11.579, 18.777

66, 41.745, 22.568

89, 2.821, 17.872

61, 52.775, 24.634

96, 5.289, 197.616

56, 63.891, 27.286

98, 8.255, 198.964

53, 74.701, 30.574

50, 84.659, 34.323

49, 92.682, 37.842

48, 96.216, 39.425

Harmonies

Complementary

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



77, 21.011, 19.741



88, 18.060, 196.555

Rectangle

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



77, 21.011, 19.741



77, 21.011, 69.741



77, 21.011, 199.741



77, 21.011, 249.741

Sweetspot

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



77, 21.009, 19.747



95, 6.405, 18.236



78, 34.179, 324.775



50, 4.171, 18.288



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, 21.009, 19.747



81, 27.750, 20.294



83, 17.464, 68.933



45, 4.815, 18.441



37, 79.161, 39.213



6, 27.042, 20.999

Inverse Universe

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



77, 21.009, 19.747



81, 27.750, 20.294



81, 16.177, 255.114



45, 4.815, 18.441



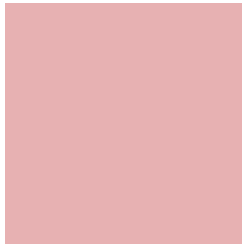
37, 79.161, 39.213



6, 27.042, 20.999

Previews

White Background



This preview shows how the CIELCh color 77, 21.011, 19.741 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, 21.011, 19.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

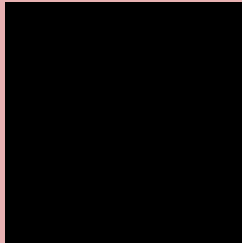
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 21.011, 19.741

Background



This preview shows how black text looks on a background with the CIELCh color 77, 21.011, 19.741.

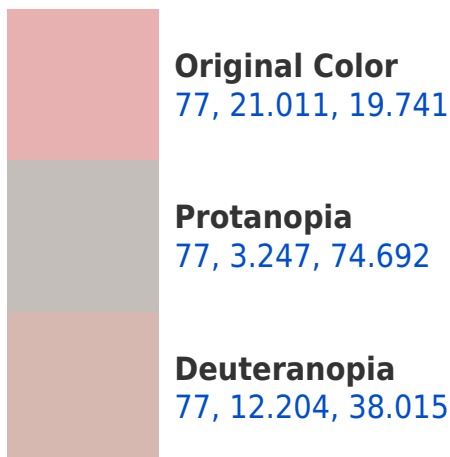


This preview shows how white text looks on a background with the CIELCh color 77, 21.011, 19.741.

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](#).

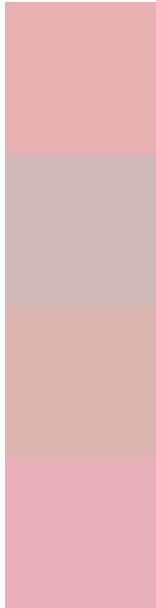
Dichromacy





Tritanopia
77, 22.863, 2.469

Trichromacy



Original Color
77, 21.011, 19.741

Protanomaly
77, 8.909, 30.382

Deuteranomaly
77, 15.298, 28.581

Tritanomaly
77, 21.962, 8.787

Monochromacy



Original Color
77, 21.011, 19.741

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.540, 19.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 21.011, 19.741 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(231, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 178)  
}
```

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(231, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 21.011, 19.741 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(231, 177, 178) }
```

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

```
.border{ border-color:rgb(231, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 21.011, 19.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 178) }
```

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

```
.background{ background-color: rgb(231,  
177, 178) }
```

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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