

Converting Colors

CIELCh(77, 29.278, 21.966)

Have a look what the booklet for
CIELCh(77, 29.278, 21.966) contains.

CIELCh(77, 29.293, 21.966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(77, 29.293, 21.966)

Conversions

Conversions Part 1

Format	Color
Hex	F5ABAB
RGB	245, 171, 171
RGB Percent	96%, 67%, 67%
CMY	0.0388, 0.3290, 0.3291
CMYK	0.00, 0.30, 0.30, 0.04
HSL	0°, 79%, 82%
HSV	0°, 30%, 96%
XYZ	59.6275, 51.5317, 45.3747
YIQ	193.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

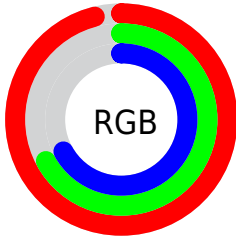
Format	Color
R _Y B	245, 171, 171
Decimal	16100267
CIE Lab	77.00, 27.17, 10.96
CIE LCh	77, 29.293, 21.966
Yxy	51.5317, 0.3809, 0.3292
Android (android.graphics.Color)	4294290347 (0xFFF5ABAB)
YUV	193.1260, -10.9081, 45.4935
Hunter-Lab	71.7856, 22.6432, 12.7735

Details

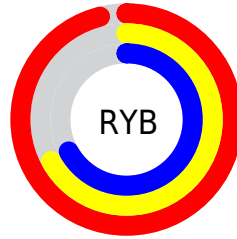
The CIELCh color **77, 29.293, 21.966** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **92, 23.778, 197.915**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.236, 22.930**, and **57, 29.283, 21.711** is the 20% darker color. If you saturate the color by 10%, you get **71, 40.402, 23.401**, and if you desaturate by 10%, it is **83, 18.853, 20.873**.

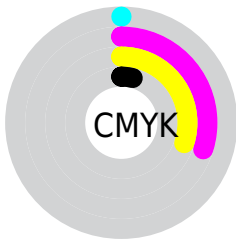
Distribution



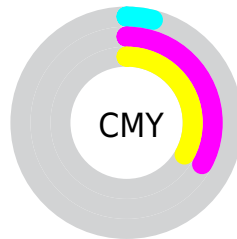
- Red (96%)
- Green (67%)
- Blue (67%)



- Red (96%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 29.293, 21.966 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, 29.293, 21.966 by changing the saturation by 10% instead.

77, 29.293, 21.966

77, 29.293, 21.966

100, 29.293,
21.966

67, 29.293, 21.966

97, 29.293, 21.966

57, 29.293, 21.966

47, 29.293, 21.966

37, 29.293, 21.966

27, 29.293, 21.966

17, 29.293, 21.966

7, 29.293, 21.966

0, 29.293, 21.966

77, 29.293, 21.966

77, 29.293, 21.966

71, 40.402, 23.401

83, 18.853, 20.873

66, 52.030, 25.273

90, 9.148, 20.004

61, 63.904, 27.699

96, 0.171, 15.658

57, 75.628, 30.743

99, 3.424, 199.382

54, 86.636, 34.283

52, 95.822, 37.721

51, 101.483,
40.001

Harmonies

Complementary

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



77, 29.293, 21.966



92, 23.778, 197.915

Rectangle

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



77, 29.293, 21.966



77, 29.293, 71.966



77, 29.293, 201.966



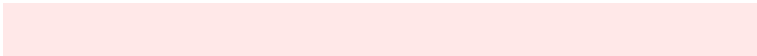
77, 29.293, 251.966

Sweetspot

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



77, 29.291, 21.971



94, 8.299, 19.910



79, 46.679, 326.087



49, 5.801, 20.026



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, 29.291, 21.971



76, 36.839, 22.765



86, 24.453, 71.634



48, 5.080, 19.947



39, 82.549, 40.001



8, 31.023, 25.011

Inverse Universe

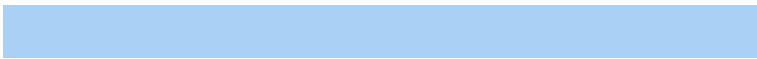
The Inverse Universe completely reimagines the original color for something new.



92, 23.778, 197.915



95, 28.559, 197.666



82, 22.476, 260.221



50, 4.783, 198.973



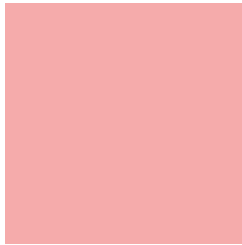
69, 39.556, 196.400



22, 17.587, 196.398

Previews

White Background



This preview shows how the CIELCh color 77, 29.293, 21.966 looks on a white background.

Color Contrast Check

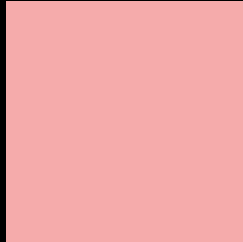
Large Text (above 18pt) WCAG AA × Fail

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, 29.293, 21.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

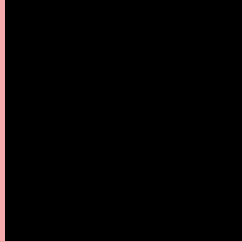
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 29.293, 21.966

Background



This preview shows how black text looks on a background with the CIELCh color 77, 29.293, 21.966.

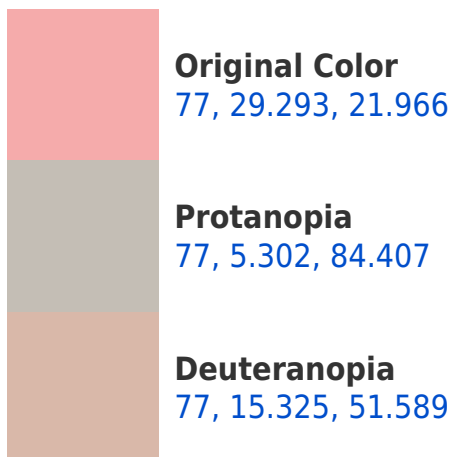


This preview shows how white text looks on a background with the CIELCh color 77, 29.293, 21.966.

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](#).

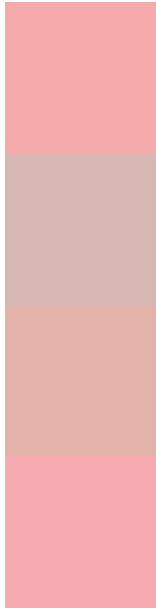
Dichromacy





Tritanopia
77, 30.442, 9.186

Trichromacy



Original Color
77, 29.293, 21.966

Protanomaly
77, 12.421, 35.194

Deuteranomaly
77, 19.621, 34.945

Tritanomaly
77, 29.869, 13.997

Monochromacy



Original Color
77, 29.293, 21.966

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 10.257, 20.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 29.293, 21.966 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(245, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(245, 171, 171)  
}
```

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(245, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 29.293, 21.966 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(245, 171, 171) }
```

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

```
.border{ border-color:rgb(245, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(245, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 29.293, 21.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 171, 171) }
```

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

```
.background{ background-color: rgb(245,  
171, 171) }
```

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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