

Converting Colors

CIELCh(77, 19.308, 20.084)

Have a look what the booklet for
CIELCh(77, 19.308, 20.084) contains.

CIELCh(77, 19.393, 19.469)	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, 19.393, 19.469)

Conversions

Conversions Part 1

Format	Color
Hex	E4B2B3
RGB	228, 178, 179
RGB Percent	89%, 70%, 70%
CMY	0.1063, 0.3023, 0.2984
CMYK	0.00, 0.22, 0.21, 0.11
HSL	359°, 48%, 80%
HSV	359°, 22%, 89%
XYZ	55.9919, 51.5317, 49.5937
YIQ	193.0640, 29.4790, 10.9110

Conversions

Conversions Part 2

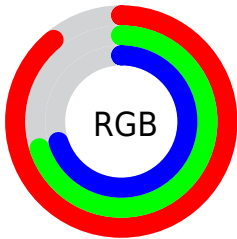
Format	Color
R _Y B	228, 178, 179
Decimal	14987955
CIE Lab	77.00, 18.28, 6.46
CIE LCh	77, 19.393, 19.469
Yxy	51.5317, 0.3564, 0.3280
Android (android.graphics.Color)	4293178035 (0xFFE4B2B3)
YUV	193.0640, -6.9336, 30.6389
Hunter-Lab	71.7856, 13.6029, 9.2889

Details

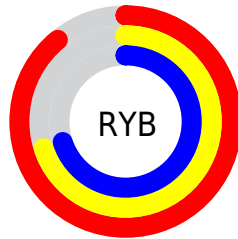
The CIELCh color **77, 19.393, 19.469** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 16.850, 196.505**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 7.580, 15.976**, and **57, 19.563, 19.915** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.277, 20.663**, and if you desaturate by 10%, it is **83, 10.157, 18.532**.

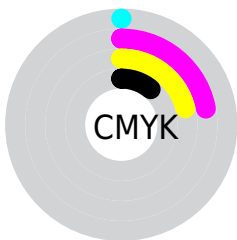
Distribution



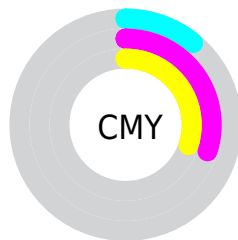
- Red (89%)
- Green (70%)
- Blue (70%)



- Red (89%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 19.393, 19.469 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, 19.393, 19.469 by changing the saturation by 10% instead.

77, 19.393, 19.469

77, 19.393, 19.469

100, 19.393,
19.469

67, 19.393, 19.469

97, 19.393, 19.469

57, 19.393, 19.469

47, 19.393, 19.469

37, 19.393, 19.469

27, 19.393, 19.469

17, 19.393, 19.469

7, 19.393, 19.469

0, 19.393, 19.469

77, 19.393, 19.469

77, 19.393, 19.469

71, 29.277, 20.663

83, 10.157, 18.532

66, 39.738, 22.196

89, 1.586, 17.490

61, 50.604, 24.185

96, 6.355, 197.396

56, 61.602, 26.746

98, 9.217, 198.895

52, 72.358, 29.944

50, 82.374, 33.658

48, 90.720, 37.306

48, 95.232, 39.370

Harmonies

Complementary

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



77, 19.393, 19.469



87, 16.850, 196.505

Rectangle

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



77, 19.393, 19.469



77, 19.393, 69.469



77, 19.393, 199.469



77, 19.393, 249.469

Sweetspot

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



77, 19.391, 19.475



95, 6.405, 18.116



78, 31.722, 324.698



50, 4.171, 18.168



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, 19.391, 19.475



83, 25.575, 19.942



83, 16.146, 69.107



45, 4.815, 18.322



37, 79.095, 39.152



6, 27.038, 20.939

Inverse Universe

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



77, 19.391, 19.475



83, 25.575, 19.942



81, 15.037, 254.860



45, 4.815, 18.322



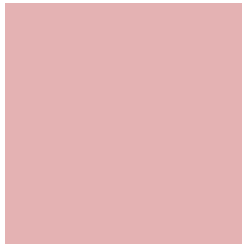
37, 79.095, 39.152



6, 27.038, 20.939

Previews

White Background



This preview shows how the CIELCh color 77, 19.393, 19.469 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, 19.393, 19.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

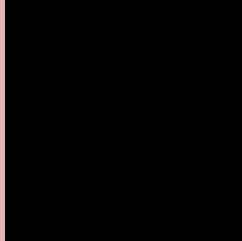
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 19.393, 19.469

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.393, 19.469.



This preview shows how white text looks on a background with the CIELCh color 77, 19.393, 19.469.

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, 19.393, 19.469

Protanopia

77, 3.247, 74.692

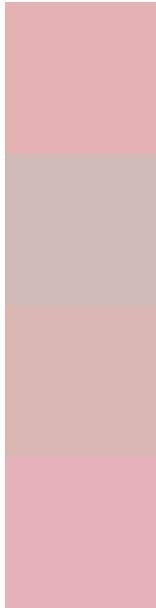
Deuteranopia

77, 11.644, 36.140



Tritanopia
77, 21.388, 0.933

Trichromacy



Original Color
77, 19.393, 19.469

Protanomaly
77, 8.137, 31.302

Deuteranomaly
77, 14.100, 29.160

Tritanomaly
77, 20.416, 7.655

Monochromacy



Original Color
77, 19.393, 19.469

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.767, 19.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.393, 19.469 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(228, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(228, 178, 179)  
}
```

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(228, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 178, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.393, 19.469 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(228, 178, 179) }
```

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

```
.border{ border-color:rgb(228, 178, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 178, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(228, 178,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.393, 19.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 178, 179) }
```

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

```
.background{ background-color: rgb(228,  
178, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor