

Converting Colors

CIELCh(77, 25.138, 18.391)

Have a look what the booklet for
CIELCh(77, 25.138, 18.391) contains.

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Color

CIELCh(77, 25.055, 19.163)

Conversions

Conversions Part 1

Format	Color
Hex	EEAEBO
RGB	238, 174, 176
RGB Percent	93%, 68%, 69%
CMY	0.0670, 0.3180, 0.3101
CMYK	0.00, 0.27, 0.26, 0.07
HSL	358°, 65%, 81%
HSV	358°, 27%, 93%
XYZ	58.1768, 51.5317, 47.9107
YIQ	193.3640, 37.5020, 14.1900

Conversions

Conversions Part 2

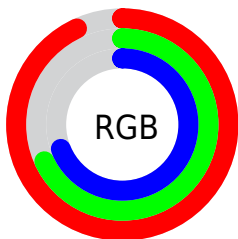
Format	Color
R _Y B	238, 174, 176
Decimal	15642288
CIE Lab	77.00, 23.67, 8.22
CIE LCh	77, 25.055, 19.163
Yxy	51.5317, 0.3691, 0.3269
Android (android.graphics.Color)	4293832368 (0xFFEEAEB0)
YUV	193.3640, -8.5605, 39.1458
Hunter-Lab	71.7856, 19.0358, 10.6790

Details

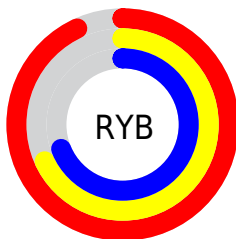
The CIELCh color **77, 25.055, 19.163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **90, 21.089, 195.201**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.103, 13.512**, and **57, 25.162, 18.474** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.559, 20.544**, and if you desaturate by 10%, it is **83, 15.172, 18.088**.

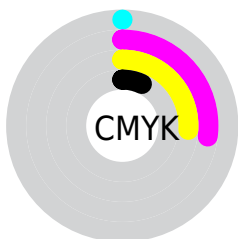
Distribution



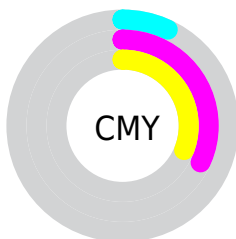
- Red (93%)
- Green (68%)
- Blue (69%)



- Red (93%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (7%)



- Cyan (7%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 25.055, 19.163 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, 25.055, 19.163 by changing the saturation by 10% instead.

77, 25.055, 19.163

77, 25.055, 19.163

100, 25.055,
19.163

67, 25.055, 19.163

97, 25.055, 19.163

57, 25.055, 19.163

47, 25.055, 19.163

37, 25.055, 19.163

27, 25.055, 19.163

17, 25.055, 19.163

7, 25.055, 19.163

0, 25.055, 19.163

77, 25.055, 19.163

77, 25.055, 19.163

71, 35.559, 20.544

83, 15.172, 18.088

66, 46.561, 22.320

90, 5.964, 17.187

61, 57.824, 24.617

96, 2.582, 196.866

56, 69.008, 27.541

99, 5.871, 199.146

53, 79.689, 31.101

51, 89.260, 35.020

50, 96.432, 38.409

50, 97.981, 39.075

Harmonies

Complementary

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



77, 25.055, 19.163



90, 21.089, 195.201

Rectangle

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



77, 25.055, 19.163



77, 25.055, 69.163



77, 25.055, 199.163



77, 25.055, 249.163

Sweetspot

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



77, 25.053, 19.168



95, 7.350, 17.288



79, 40.271, 324.959



49, 5.253, 17.420



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, 25.053, 19.168



79, 32.112, 19.844



84, 20.779, 68.513



47, 4.992, 17.415



38, 80.319, 38.734



8, 29.670, 22.556

Inverse Universe

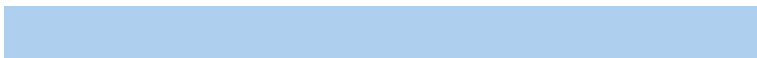
The Inverse Universe completely reimagines the original color for something new.



77, 25.053, 19.168



79, 32.112, 19.844



82, 18.997, 255.757



47, 4.992, 17.415



38, 80.319, 38.734



8, 29.670, 22.556

Previews

White Background



This preview shows how the CIELCh color 77, 25.055, 19.163 looks on a white background.

Color Contrast Check

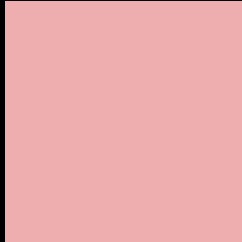
Large Text (above 18pt) WCAG AA × Fail

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, 25.055, 19.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

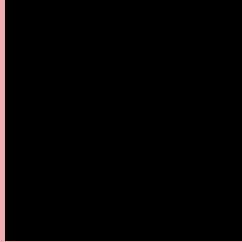
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 25.055, 19.163

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.055, 19.163.

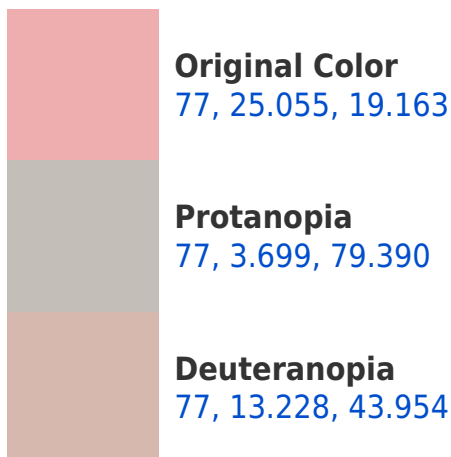


This preview shows how white text looks on a background with the CIELCh color 77, 25.055, 19.163.

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](#).

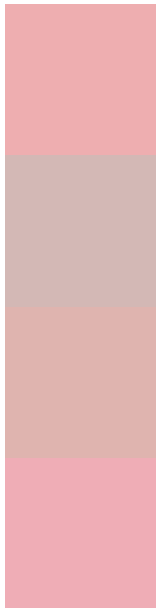
Dichromacy





Tritanopia
77, 26.640, 5.667

Trichromacy



Original Color
77, 25.055, 19.163

Protanomaly
77, 10.458, 28.969

Deuteranomaly
77, 17.015, 29.705

Tritanomaly
77, 25.891, 11.130

Monochromacy



Original Color
77, 25.055, 19.163

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 8.701, 16.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.055, 19.163 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(238, 174, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 174, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.055, 19.163 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, 176) }
```

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

```
.border{ border-color:rgb(238, 174, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(238, 174,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.055, 19.163 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, 176) }
```

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

```
.background{ background-color: rgb(238,  
174, 176) }
```

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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