

Converting Colors

CIELCh(75, 28.128, 19.788)

Have a look what the booklet for
CIELCh(75, 28.128, 19.788) contains.

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Color

CIELCh(75, 28.130, 19.783)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6A8
RGB	237, 166, 168
RGB Percent	93%, 65%, 66%
CMY	0.0693, 0.3478, 0.3400
CMYK	0.00, 0.30, 0.29, 0.07
HSL	358°, 67%, 79%
HSV	358°, 30%, 93%
XYZ	55.8177, 48.2781, 43.5660
YIQ	187.4570, 41.6740, 15.6740

Conversions

Conversions Part 2

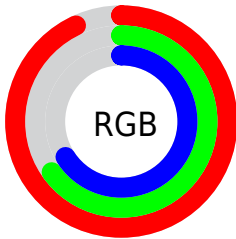
Format	Color
R _Y B	237, 166, 168
Decimal	15574696
CIE Lab	75.00, 26.47, 9.52
CIE LCh	75, 28.130, 19.783
Yxy	48.2781, 0.3780, 0.3270
Android (android.graphics.Color)	4293764776 (0xFFEDA6A8)
YUV	187.4570, -9.5923, 43.4492
Hunter-Lab	69.4824, 21.8011, 11.4624

Details

The CIELCh color **75, 28.130, 19.783** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89, 23.142, 195.314**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.114, 17.795**, and **55, 28.504, 19.469** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.795, 21.266**, and if you desaturate by 10%, it is **81, 18.061, 18.635**.

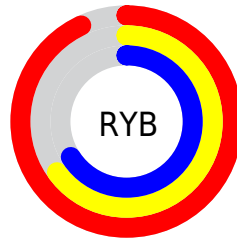
Distribution



Red (93%)

Green (65%)

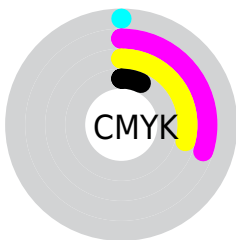
Blue (66%)



Red (93%)

Yellow (65%)

Blue (66%)

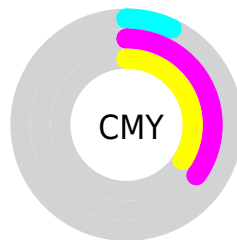


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.130, 19.783 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 75, 28.130, 19.783 by changing the saturation by 10% instead.

75, 28.130, 19.783

75, 28.130, 19.783

100, 28.130,
19.783

65, 28.130, 19.783

95, 28.130, 19.783

55, 28.130, 19.783

45, 28.130, 19.783

35, 28.130, 19.783

25, 28.130, 19.783

15, 28.130, 19.783

5, 28.130, 19.783

0, 28.130, 19.783

75, 28.130, 19.783

75, 28.130, 19.783

69, 38.795, 21.266

81, 18.061, 18.635

64, 49.906, 23.181

87, 8.664, 17.706

59, 61.192, 25.650

94, 0.062, 207.227

55, 72.289, 28.764

99, 6.069, 199.130

52, 82.733, 32.465

50, 91.761, 36.314

50, 97.876, 39.147

50, 97.913, 39.163

Harmonies

Complementary

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



75, 28.130, 19.783



89, 23.142, 195.314

Rectangle

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



75, 28.130, 19.783



75, 28.130, 69.783



75, 28.130, 199.783



75, 28.130, 249.783

Sweetspot

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



75, 28.128, 19.788



94, 8.300, 17.629



77, 44.680, 325.114



49, 5.799, 17.755



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 28.128, 19.788



76, 36.633, 20.661



83, 23.262, 68.154



47, 4.992, 17.667



38, 80.449, 38.857



8, 29.686, 22.682

Inverse Universe

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



75, 28.128, 19.788



76, 36.633, 20.661



80, 21.027, 256.340



47, 4.992, 17.667



38, 80.449, 38.857



8, 29.686, 22.682

Previews

White Background



This preview shows how the CIELCh color 75, 28.130, 19.783 looks on a white background.

Color Contrast Check

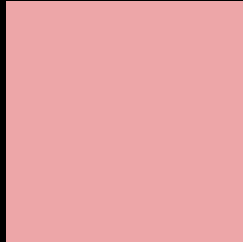
Large Text (above 18pt) WCAG AA × Fail

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 75, 28.130, 19.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

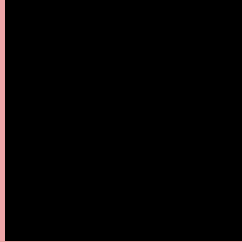
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 28.130, 19.783

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.130, 19.783.

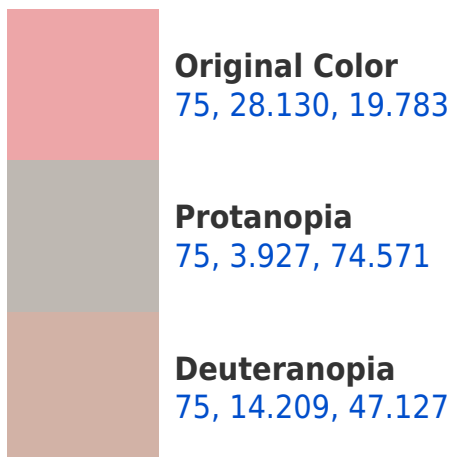



This preview shows how white text looks on a background with the CIELCh color 75, 28.130, 19.783.

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
75, 28.978, 9.422

Trichromacy



Original Color
75, 28.130, 19.783

Protanomaly
75, 11.426, 31.069

Deuteranomaly
75, 18.619, 32.425

Tritanomaly
75, 28.866, 12.570

Monochromacy



Original Color
75, 28.130, 19.783

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.920, 17.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.130, 19.783 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(237, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 168)  
}
```

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(237, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.130, 19.783 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(237, 166, 168) }
```

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

```
.border{ border-color:rgb(237, 166, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.130, 19.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 168) }
```

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

```
.background{ background-color: rgb(237,  
166, 168) }
```

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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