

Converting Colors

CIELCh(75, 28.215, 21.913)

Have a look what the booklet for
CIELCh(75, 28.215, 21.913) contains.

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Color

CIELCh(75, 28.250, 21.928)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6A6
RGB	237, 166, 166
RGB Percent	93%, 65%, 65%
CMY	0.0688, 0.3473, 0.3474
CMYK	0.00, 0.30, 0.30, 0.07
HSL	0°, 67%, 79%
HSV	0°, 30%, 93%
XYZ	55.7124, 48.2781, 42.6599
YIQ	187.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

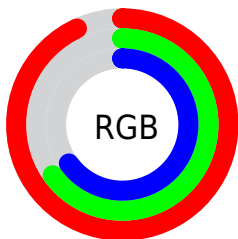
Format	Color
RYB	237, 166, 166
Decimal	15574694
CIELab	75.00, 26.21, 10.55
CIELCh	75, 28.250, 21.928
Yxy	48.2781, 0.3799, 0.3292
Android (android.graphics.Color)	4293764774 (0xFFEDA6A6)
YUV	187.2290, -10.4659, 43.6492
Hunter-Lab	69.4824, 21.5305, 12.2356

Details

The CIELCh color **75, 28.250, 21.928** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89, 22.990, 197.933**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.156, 22.641**, and **55, 28.655, 21.711** is the 20% darker color. If you saturate the color by 10%, you get **69, 39.056, 23.347**, and if you desaturate by 10%, it is **81, 18.097, 20.846**.

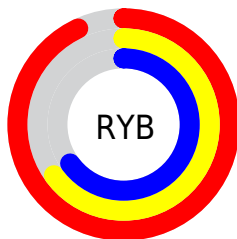
Distribution



Red (93%)

Green (65%)

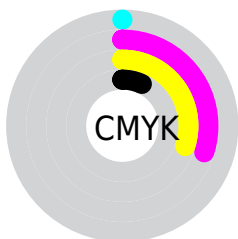
Blue (65%)



Red (93%)

Yellow (65%)

Blue (65%)

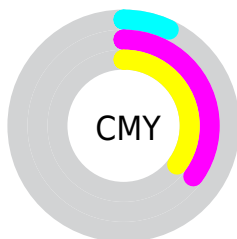


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.250, 21.928 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, 28.250, 21.928 by changing the saturation by 10% instead.

75, 28.250, 21.928

75, 28.250, 21.928

100, 28.250,
21.928

65, 28.250, 21.928

95, 28.250, 21.928

55, 28.250, 21.928

45, 28.250, 21.928

35, 28.250, 21.928

25, 28.250, 21.928

15, 28.250, 21.928

5, 28.250, 21.928

0, 28.250, 21.928

75, 28.250, 21.928

75, 28.250, 21.928

69, 39.056, 23.347

81, 18.097, 20.846

64, 50.376, 25.198

87, 8.661, 19.984

59, 61.945, 27.597

94, 0.070, 208.459

55, 73.387, 30.612

99, 6.023, 199.134

52, 84.160, 34.132

50, 93.227, 37.590

50, 99.036, 39.982

50, 99.082, 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.



75, 28.250, 21.928



89, 22.990, 197.933

Rectangle

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



75, 28.250, 21.928



75, 28.250, 71.928



75, 28.250, 201.928



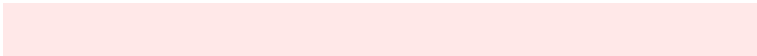
75, 28.250, 251.928

Sweetspot

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



75, 28.248, 21.933



94, 8.299, 19.913



77, 45.082, 326.070



49, 5.800, 20.030



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, 28.248, 21.933



76, 36.838, 22.768



83, 23.594, 71.676



47, 4.992, 19.949



38, 81.701, 39.996



8, 29.833, 23.813

Inverse Universe

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



89, 22.990, 197.933



95, 28.557, 197.670



80, 21.709, 260.154



49, 4.701, 198.978



68, 39.150, 196.406



21, 17.091, 196.404

Previews

White Background



This preview shows how the CIELCh color 75, 28.250, 21.928 looks on a white background.

Color Contrast Check

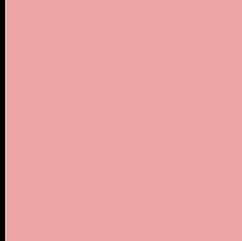
Large Text (above 18pt) WCAG AA × Fail

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, 28.250, 21.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

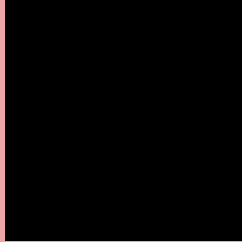
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 28.250, 21.928

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.250, 21.928.

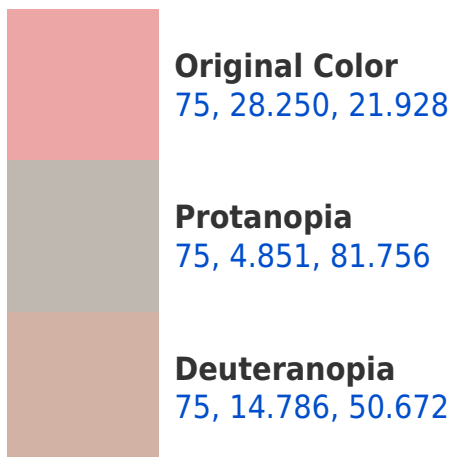


This preview shows how white text looks on a background with the CIELCh color 75, 28.250, 21.928.

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](#).

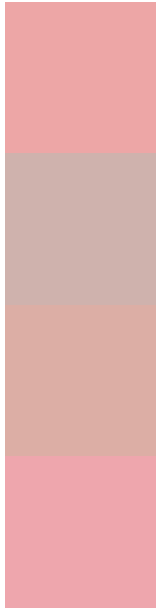
Dichromacy





Tritanopia
75, 29.364, 9.636

Trichromacy



Original Color
75, 28.250, 21.928

Protanomaly
75, 11.566, 33.641

Deuteranomaly
75, 18.956, 35.504

Tritanomaly
75, 28.414, 14.516

Monochromacy



Original Color
75, 28.250, 21.928

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.925, 20.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.250, 21.928 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, 166)` looks like.

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

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, 166) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 75, 28.250, 21.928 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, 166) }
```

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

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

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, 166)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 75, 28.250, 21.928 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, 166) }
```

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

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

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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