

Converting Colors

CIELCh(75, 28.249, 28.676)

Have a look what the booklet for
CIELCh(75, 28.249, 28.676) contains.

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Color

CIELCh(75, 28.416, 28.250)

Conversions

Conversions Part 1

Format	Color
Hex	EDA7A1
RGB	237, 167, 161
RGB Percent	93%, 65%, 63%
CMY	0.0701, 0.3447, 0.3682
CMYK	0.00, 0.30, 0.32, 0.07
HSL	5°, 68%, 78%
HSV	5°, 32%, 93%
XYZ	55.2444, 48.2781, 40.1737
YIQ	187.2460, 43.6460, 12.9740

Conversions

Conversions Part 2

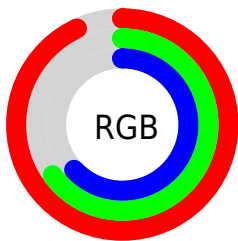
Format	Color
RYB	237, 168, 161
Decimal	15574945
CIELab	75.00, 25.03, 13.45
CIELCh	75, 28.416, 28.250
Yxy	48.2781, 0.3845, 0.3360
Android (android.graphics.Color)	4293765025 (0xFFEDA7A1)
YUV	187.2460, -12.9393, 43.6343
Hunter-Lab	69.4824, 20.3283, 14.3571

Details

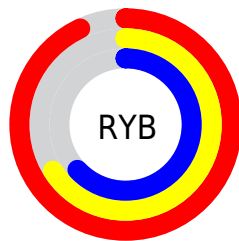
The CIELCh color **75, 28.416, 28.250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 22.557, 206.035**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.425, 36.979**, and **55, 28.460, 28.288** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.764, 29.298**, and if you desaturate by 10%, it is **81, 18.768, 27.487**.

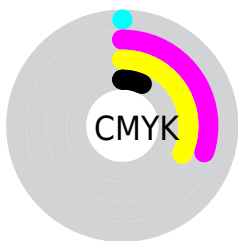
Distribution



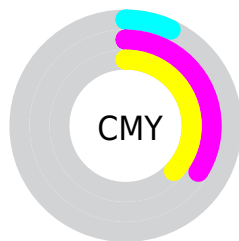
- Red (93%)
- Green (65%)
- Blue (63%)



- Red (93%)
- Yellow (66%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.416, 28.250 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, 28.416, 28.250 by changing the saturation by 10% instead.

75, 28.416, 28.250

75, 28.416, 28.250

100, 28.416,
28.250

65, 28.416, 28.250

95, 28.416, 28.250

55, 28.416, 28.250

45, 28.416, 28.250

35, 28.416, 28.250

25, 28.416, 28.250

15, 28.416, 28.250

5, 28.416, 28.250

0, 28.416, 28.250

75, 28.416, 28.250

75, 28.416, 28.250

70, 38.764, 29.298

81, 18.768, 27.487

65, 49.731, 30.694

87, 9.843, 26.914

60, 61.131, 32.511

93, 1.611, 26.206

56, 72.640, 34.765

99, 5.956, 201.773

53, 83.659, 37.294

99, 6.138, 199.125

51, 92.903, 39.523

50, 97.890, 40.684

Harmonies

Complementary

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



75, 28.416, 28.250



87, 22.557, 206.035

Rectangle

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



75, 28.416, 28.250



75, 28.416, 78.250



75, 28.416, 208.250



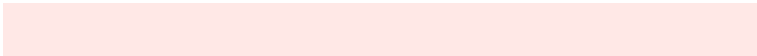
75, 28.416, 258.250

Sweetspot

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



75, 28.414, 28.255



94, 8.588, 26.812



76, 46.081, 328.110



49, 5.893, 26.883



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, 28.414, 28.255



77, 36.600, 28.853



84, 26.333, 78.063



46, 4.549, 26.783



38, 79.723, 40.885



8, 26.949, 26.990

Inverse Universe

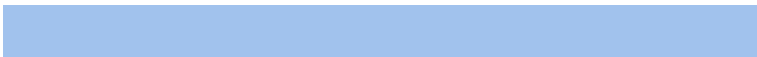
The Inverse Universe completely reimagines the original color for something new.



87, 22.557, 206.035



92, 27.609, 206.054



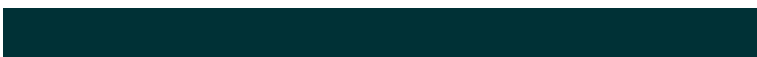
77, 24.962, 267.529



48, 4.277, 206.373



62, 35.146, 210.044



18, 15.226, 207.858

Previews

White Background



This preview shows how the CIELCh color 75, 28.416, 28.250 looks on a white background.

Color Contrast Check

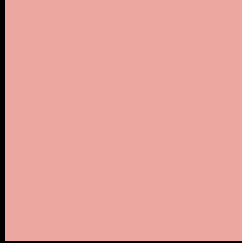
Large Text (above 18pt) WCAG AA × Fail

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, 28.416, 28.250 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, 28.416, 28.250

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.416, 28.250.

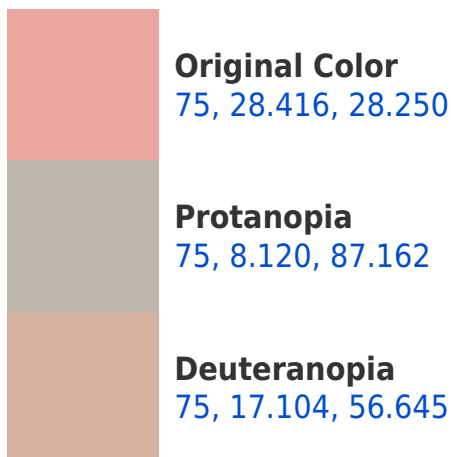


This preview shows how white text looks on a background with the CIELCh color 75, 28.416, 28.250.

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, 28.416, 28.250

Protanomaly
75, 13.218, 46.674

Deuteranomaly
75, 20.417, 42.248

Tritanomaly
75, 28.430, 16.655

Monochromacy



Original Color
75, 28.416, 28.250

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.636, 26.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.416, 28.250 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, 167, 161)` looks like.

```
.text, #text, p{  
    color:rgb(237, 167, 161)  
}
```

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, 167, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 167, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.416, 28.250 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, 167, 161) }
```

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

```
.border{ border-color:rgb(237, 167, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 167, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 167, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 167, 161); box-shadow:4px 4px 4px 4px rgb(237, 167, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.416, 28.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 167, 161) }
```

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

```
.background{ background-color: rgb(237,  
167, 161) }
```

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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