

Converting Colors

CIELCh(75, 28.119, 36.432)

Have a look what the booklet for
CIELCh(75, 28.119, 36.432) contains.

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Color

CIELCh(75, 28.085, 36.886)

Conversions

Conversions Part 1

Format	Color
Hex	EBA99B
RGB	235, 169, 155
RGB Percent	92%, 66%, 61%
CMY	0.0793, 0.3381, 0.3930
CMYK	0.00, 0.28, 0.34, 0.08
HSL	11°, 66%, 76%
HSV	11°, 34%, 92%
XYZ	54.2307, 48.2781, 37.3783
YIQ	187.1380, 43.8300, 9.6380

Conversions

Conversions Part 2

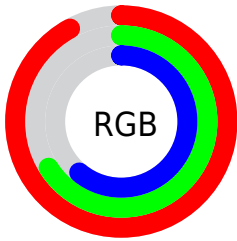
Format	Color
R _Y B	235, 172, 155
Decimal	15444379
CIE Lab	75.00, 22.46, 16.86
CIE LCh	75, 28.085, 36.886
Yxy	48.2781, 0.3877, 0.3451
Android (android.graphics.Color)	4293634459 (0xFFEBA99B)
YUV	187.1380, -15.8440, 41.9750
Hunter-Lab	69.4824, 17.7240, 16.7425

Details

The CIELCh color **75, 28.085, 36.886** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 21.969, 217.868**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 13.997, 55.946**, and **55, 28.391, 36.035** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.862, 37.363**, and if you desaturate by 10%, it is **80, 19.020, 36.623**.

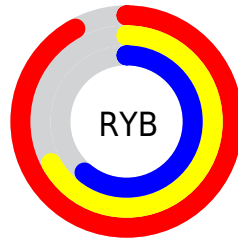
Distribution



Red (92%)

Green (66%)

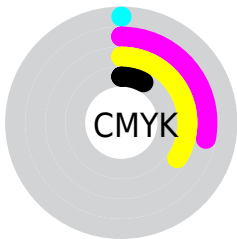
Blue (61%)



Red (92%)

Yellow (67%)

Blue (61%)

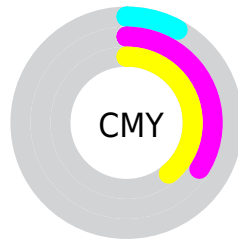


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (8%)



Cyan (8%)

Magenta (34%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.085, 36.886 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, 28.085, 36.886 by changing the saturation by 10% instead.

 75, 28.085, 36.886

 75, 28.085, 36.886

 100, 28.085,
36.886

 65, 28.085, 36.886

 95, 28.085, 36.886

 55, 28.085, 36.886

 45, 28.085, 36.886

 35, 28.085, 36.886

 25, 28.085, 36.886

 15, 28.085, 36.886

 5, 28.085, 36.886

 0, 28.085, 36.886

 75, 28.085, 36.886

 75, 28.085, 36.886

70, 37.862, 37.363

80, 19.020, 36.623

66, 48.319, 38.081

85, 10.659, 36.501

61, 59.326, 39.074

91, 2.955, 36.379

58, 70.592, 40.305

96, 4.148, 216.860

54, 81.469, 41.573

99, 6.929, 199.062

52, 90.532, 42.314

51, 94.593, 42.457

Harmonies

Complementary

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



75, 28.085, 36.886



84, 21.969, 217.868

Rectangle

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



75, 28.085, 36.886



75, 28.085, 86.886



75, 28.085, 216.886



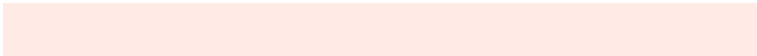
75, 28.085, 266.886

Sweetspot

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



75, 28.083, 36.892



94, 7.968, 36.475



74, 45.314, 331.527



49, 5.468, 36.484



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, 28.083, 36.892



77, 37.229, 37.204



85, 29.962, 86.686



46, 4.221, 36.471



39, 77.470, 42.815



9, 25.293, 32.685

Inverse Universe

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



84, 21.969, 217.868



89, 27.398, 218.410



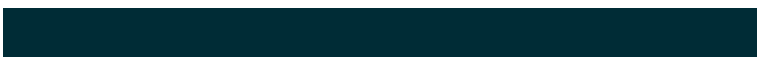
74, 29.750, 276.614



48, 3.974, 216.876



57, 33.697, 230.057



16, 14.435, 224.500

Previews

White Background



This preview shows how the CIELCh color 75, 28.085, 36.886 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, 28.085, 36.886 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, 28.085, 36.886

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.085, 36.886.

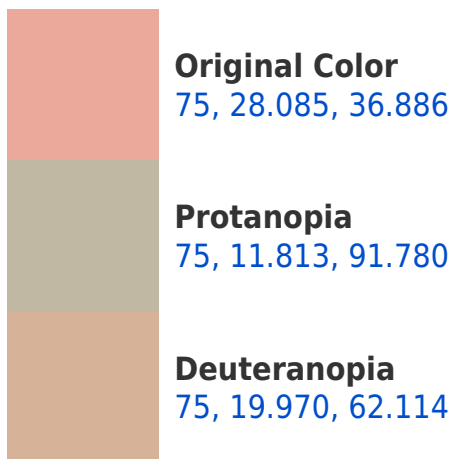


This preview shows how white text looks on a background with the CIELCh color 75, 28.085, 36.886.

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, 28.654, 8.147

Trichromacy



Original Color
75, 28.085, 36.886

Protanomaly
75, 15.449, 58.693

Deuteranomaly
75, 22.356, 50.705

Tritanomaly
75, 27.650, 17.520

Monochromacy



Original Color
75, 28.085, 36.886

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 9.629, 36.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.085, 36.886 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(235, 169, 155)` looks like.

```
.text, #text, p{  
    color:rgb(235, 169, 155)  
}
```

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(235, 169, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 169, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.085, 36.886 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(235, 169, 155) }
```

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

```
.border{ border-color:rgb(235, 169, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 169, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 169, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 169, 155);  
box-shadow:4px 4px 4px 4px rgb(235, 169,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.085, 36.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 169, 155) }
```

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

```
.background{ background-color: rgb(235,  
169, 155) }
```

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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