

Converting Colors

CIELCh(82, 18.337, 70.845)

Have a look what the booklet for
CIELCh(82, 18.337, 70.845) contains.

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Color

CIELCh(82, 18.338, 70.464)

Conversions

Conversions Part 1

Format	Color
Hex	E4C7AC
RGB	228, 199, 172
RGB Percent	89%, 78%, 67%
CMY	0.1060, 0.2197, 0.3256
CMYK	0.00, 0.13, 0.25, 0.11
HSL	29°, 51%, 78%
HSV	29°, 25%, 89%
XYZ	59.8440, 60.2982, 47.4988
YIQ	204.5930, 25.9510, -2.2490

Conversions

Conversions Part 2

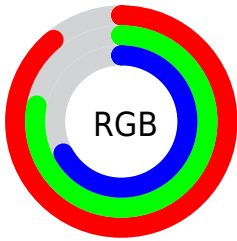
Format	Color
R _Y B	228, 224, 172
Decimal	14993324
CIE Lab	82.00, 6.13, 17.28
CIE LCh	82, 18.338, 70.464
Yxy	60.2982, 0.3570, 0.3597
Android (android.graphics.Color)	4293183404 (0xFFE4C7AC)
YUV	204.5930, -16.0683, 20.5279
Hunter-Lab	77.6519, 1.6738, 18.0893

Details

The CIELCh color $82, 18.338, 70.464$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $80, 17.028, 257.117$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 14.168, 109.107$, and $62, 18.174, 69.695$ is the 20% darker color. If you saturate the color by 10%, you get $79, 26.471, 69.251$, and if you desaturate by 10%, it is $85, 10.601, 71.679$.

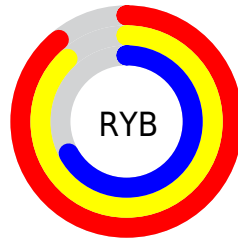
Distribution



Red (89%)

Green (78%)

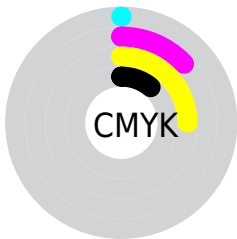
Blue (67%)



Red (89%)

Yellow (88%)

Blue (67%)

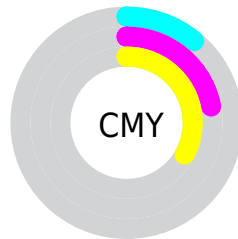


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 18.338, 70.464 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 82, 18.338, 70.464 by changing the saturation by 10% instead.

 82, 18.338, 70.464

 82, 18.338, 70.464

 100, 18.338,
70.464

 72, 18.338, 70.464

 62, 18.338, 70.464

 52, 18.338, 70.464

 42, 18.338, 70.464

 32, 18.338, 70.464

 22, 18.338, 70.464

 12, 18.338, 70.464

 2, 18.338, 70.464

 0, 18.338, 70.464

82, 18.338, 70.464

82, 18.338, 70.464

79, 26.471, 69.251

85, 10.601, 71.679

75, 35.000, 68.024

89, 3.237, 72.796

72, 43.878, 66.786

93, 3.785, 254.223

69, 52.963, 65.509

96, 7.585, 235.793

66, 61.932, 64.112

98, 9.195, 198.897

63, 70.128, 62.414

61, 76.476, 60.079

60, 79.165, 58.596

Harmonies

Complementary

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



82, 18.338, 70.464



80, 17.028, 257.117

Rectangle

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



82, 18.338, 70.464



82, 18.338, 120.464



82, 18.338, 250.464



82, 18.338, 300.464

Sweetspot

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



82, 18.338, 70.473



97, 5.475, 72.545



76, 26.089, 344.033



52, 3.563, 72.478



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 18.338, 70.473



89, 23.991, 69.910



89, 27.898, 106.363



46, 4.104, 72.275



47, 65.685, 59.254



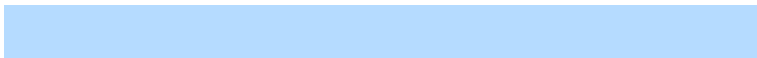
12, 20.930, 58.663

Inverse Universe

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



80, 17.028, 257.117



86, 21.928, 257.988



73, 29.454, 291.781



46, 4.003, 254.747



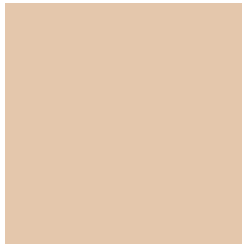
40, 53.188, 282.143



9, 19.186, 273.293

Previews

White Background



This preview shows how the CIELCh color 82, 18.338, 70.464 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 82, 18.338, 70.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

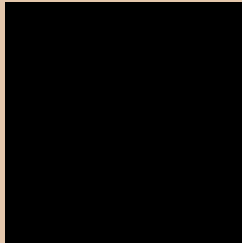
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 18.338, 70.464

Background



This preview shows how black text looks on a background with the CIELCh color 82, 18.338, 70.464.



This preview shows how white text looks on a background with the CIELCh color 82, 18.338, 70.464.

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
82, 16.094, 351.275

Trichromacy



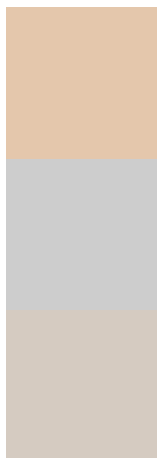
Original Color
82, 18.338, 70.464

Protanomaly
82, 16.852, 84.178

Deuteranomaly
82, 19.219, 63.131

Tritanomaly
82, 13.213, 20.402

Monochromacy



Original Color
82, 18.338, 70.464

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.455, 74.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 18.338, 70.464 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(228, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(228, 199, 172)  
}
```

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(228, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 199, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 18.338, 70.464 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(228, 199, 172) }
```

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

```
.border{ border-color:rgb(228, 199, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(228, 199,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 18.338, 70.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 199, 172) }
```

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

```
.background{ background-color: rgb(228,  
199, 172) }
```

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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