

Converting Colors

CIELCh(82, 21.688, 75.348)

Have a look what the booklet for
CIELCh(82, 21.688, 75.348) contains.

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Color

CIELCh(82, 21.661, 75.138)

Conversions

Conversions Part 1

Format	Color
Hex	E5C7A5
RGB	229, 199, 165
RGB Percent	90%, 78%, 65%
CMY	0.1015, 0.2191, 0.3525
CMYK	0.00, 0.13, 0.28, 0.10
HSL	32°, 55%, 77%
HSV	32°, 28%, 90%
XYZ	59.6029, 60.2982, 44.1481
YIQ	204.0940, 28.7940, -4.2140

Conversions

Conversions Part 2

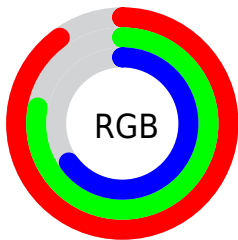
Format	Color
R _Y B	221, 229, 165
Decimal	15058853
CIE Lab	82.00, 5.56, 20.94
CIE LCh	82, 21.661, 75.138
Yxy	60.2982, 0.3633, 0.3676
Android (android.graphics.Color)	4293248933 (0xFFE5C7A5)
YUV	204.0940, -19.2733, 21.8426
Hunter-Lab	77.6519, 1.1195, 20.6477

Details

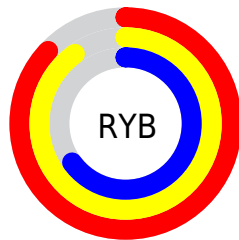
The CIELCh color **82, 21.661, 75.138** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 20.359, 263.121**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.699, 108.839**, and **62, 21.700, 74.544** is the 20% darker color. If you saturate the color by 10%, you get **79, 30.037, 73.826**, and if you desaturate by 10%, it is **85, 13.617, 76.438**.

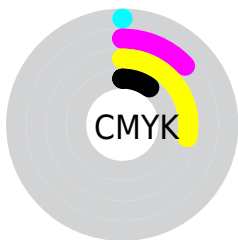
Distribution



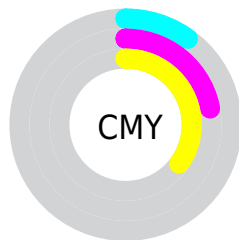
- Red (90%)
- Green (78%)
- Blue (65%)



- Red (87%)
- Yellow (90%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 21.661, 75.138 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, 21.661, 75.138 by changing the saturation by 10% instead.

82, 21.661, 75.138

82, 21.661, 75.138

100, 21.661,
75.138

72, 21.661, 75.138

62, 21.661, 75.138

52, 21.661, 75.138

42, 21.661, 75.138

32, 21.661, 75.138

22, 21.661, 75.138

12, 21.661, 75.138

2, 21.661, 75.138

0, 21.661, 75.138

82, 21.661, 75.138

82, 21.661, 75.138

79, 30.037, 73.826

85, 13.617, 76.438

76, 38.715, 72.481

88, 5.898, 77.679

73, 47.603, 71.099

92, 1.515, 259.239

70, 56.482, 69.637

95, 7.892, 256.752

67, 64.902, 67.993

98, 8.121, 206.905

65, 72.051, 65.958

98, 8.813, 198.924

63, 76.964, 63.244

62, 77.871, 62.675

Harmonies

Complementary

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



82, 21.661, 75.138



78, 20.359, 263.121

Rectangle

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



82, 21.661, 75.138



82, 21.661, 125.138



82, 21.661, 255.138



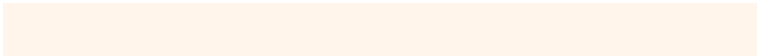
82, 21.661, 305.138

Sweetspot

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



82, 21.661, 75.146



97, 6.486, 77.666



75, 28.937, 347.186



51, 4.625, 77.485



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, 21.661, 75.146



88, 29.135, 74.322



90, 32.826, 108.196



46, 4.241, 77.497



49, 64.435, 63.333



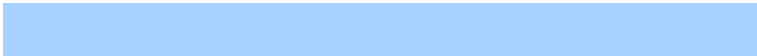
13, 20.970, 64.067

Inverse Universe

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



78, 20.359, 263.121



82, 26.960, 264.415



70, 35.116, 294.127



46, 4.167, 260.045



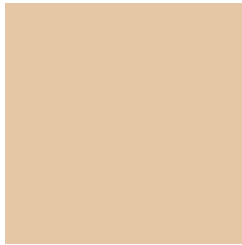
37, 58.642, 286.877



8, 20.880, 278.513

Previews

White Background



This preview shows how the CIELCh color 82, 21.661, 75.138 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, 21.661, 75.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

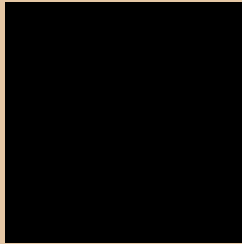
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 21.661, 75.138

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.661, 75.138.



This preview shows how white text looks on a background with the CIELCh color 82, 21.661, 75.138.

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



Original Color

82, 21.661, 75.138

Protanopia

82, 20.041, 94.840

Deuteranopia

82, 22.973, 63.353



Tritanopia
82, 17.092, 353.254

Trichromacy



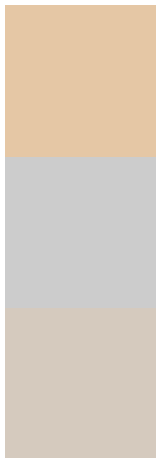
Original Color
82, 21.661, 75.138

Protanomaly
82, 20.436, 86.938

Deuteranomaly
82, 22.194, 67.097

Tritanomaly
82, 14.178, 26.830

Monochromacy



Original Color
82, 21.661, 75.138

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.558, 76.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.661, 75.138 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(229, 199, 165)` looks like.

```
.text, #text, p{  
    color:rgb(229, 199, 165)  
}
```

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(229, 199, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.661, 75.138 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(229, 199, 165) }
```

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

```
.border{ border-color:rgb(229, 199, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 199, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 165);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.661, 75.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 165) }
```

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

```
.background{ background-color: rgb(229,  
199, 165) }
```

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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