

Converting Colors

CIELCh(82, 22.146, 62.486)

Have a look what the booklet for
CIELCh(82, 22.146, 62.486) contains.

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Color

CIELCh(82, 21.895, 62.281)

Conversions

Conversions Part 1

Format	Color
Hex	ECC4A8
RGB	236, 196, 168
RGB Percent	93%, 77%, 66%
CMY	0.0735, 0.2304, 0.3403
CMYK	0.00, 0.17, 0.29, 0.07
HSL	25°, 64%, 79%
HSV	25°, 29%, 93%
XYZ	61.5576, 60.2982, 45.5532
YIQ	204.7680, 32.8280, -0.2280

Conversions

Conversions Part 2

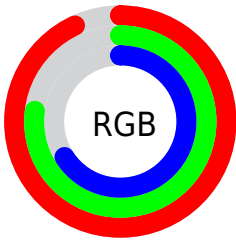
Format	Color
R _Y B	236, 216, 168
Decimal	15516840
CIE Lab	82.00, 10.18, 19.38
CIE LCh	82, 21.895, 62.281
Yxy	60.2982, 0.3677, 0.3602
Android (android.graphics.Color)	4293706920 (0xFFECC4A8)
YUV	204.7680, -18.1266, 27.3905
Hunter-Lab	77.6519, 5.6129, 19.5749

Details

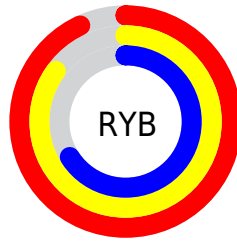
The CIELCh color **82, 21.895, 62.281** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 19.328, 249.383**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.211, 106.262**, and **62, 21.761, 61.805** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.455, 61.293**, and if you desaturate by 10%, it is **86, 13.847, 63.308**.

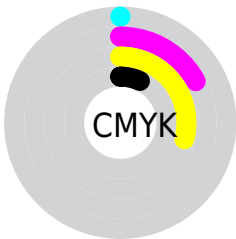
Distribution



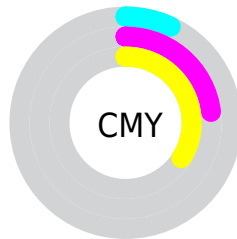
- Red (93%)
- Green (77%)
- Blue (66%)



- Red (93%)
- Yellow (85%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 21.895, 62.281 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, 21.895, 62.281 by changing the saturation by 10% instead.

 82, 21.895, 62.281

 82, 21.895, 62.281

 100, 21.895,
62.281

 72, 21.895, 62.281

 62, 21.895, 62.281

 52, 21.895, 62.281

 42, 21.895, 62.281

 32, 21.895, 62.281

 22, 21.895, 62.281

 12, 21.895, 62.281

 2, 21.895, 62.281

 0, 21.895, 62.281

82, 21.895, 62.281

82, 21.895, 62.281

78, 30.455, 61.293

86, 13.847, 63.308

74, 39.529, 60.331

90, 6.280, 64.314

71, 49.059, 59.394

94, 0.848, 246.030

68, 58.867, 58.440

98, 5.553, 216.187

64, 68.526, 57.348

99, 6.431, 199.101

61, 77.158, 55.842

59, 83.619, 53.572

58, 84.355, 53.312

Harmonies

Complementary

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



82, 21.895, 62.281



82, 19.328, 249.383

Rectangle

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



82, 21.895, 62.281



82, 21.895, 112.281



82, 21.895, 242.281



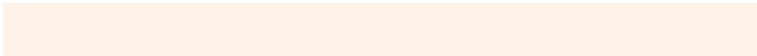
82, 21.895, 292.281

Sweetspot

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



82, 21.895, 62.289



96, 6.846, 64.290



76, 32.910, 341.000



51, 4.779, 64.147



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, 21.895, 62.289



85, 28.897, 61.653



90, 31.515, 102.728



47, 4.044, 64.249



45, 68.739, 53.990



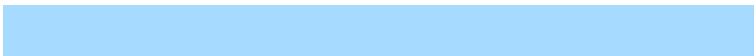
12, 22.466, 51.712

Inverse Universe

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



82, 19.328, 249.383



85, 24.714, 250.619



73, 33.279, 289.583



47, 3.902, 246.482



44, 46.609, 273.869



11, 17.728, 265.025

Previews

White Background



This preview shows how the CIELCh color 82, 21.895, 62.281 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 82, 21.895, 62.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

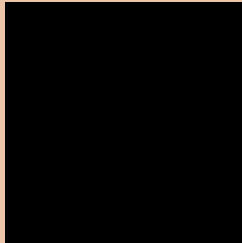
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 21.895, 62.281

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.895, 62.281.

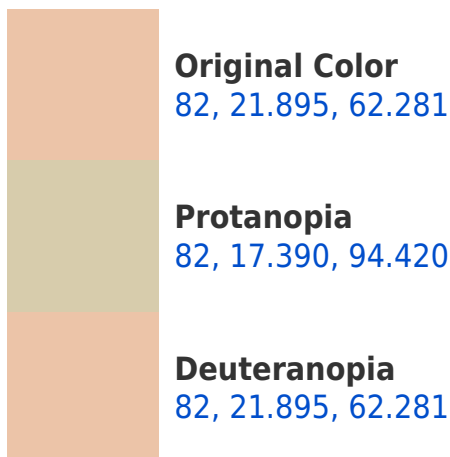


This preview shows how white text looks on a background with the CIELCh color 82, 21.895, 62.281.

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](#).

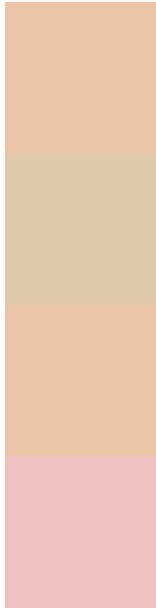
Dichromacy





Tritanopia
82, 19.838, 357.624

Trichromacy



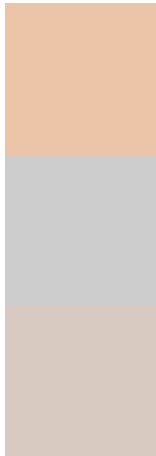
Original Color
82, 21.895, 62.281

Protanomaly
82, 18.072, 80.229

Deuteranomaly
82, 21.895, 62.281

Tritanomaly
82, 17.584, 22.474

Monochromacy



Original Color
82, 21.895, 62.281

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.445, 64.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.895, 62.281 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(236, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 168)  
}
```

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(236, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.895, 62.281 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(236, 196, 168) }
```

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

```
.border{ border-color:rgb(236, 196, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 196, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 196, 168);  
box-shadow:4px 4px 4px 4px rgb(236, 196,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.895, 62.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 168) }
```

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

```
.background{ background-color: rgb(236,  
196, 168) }
```

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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