

Converting Colors

CIELCh(82, 22.106, 53.520)

Have a look what the booklet for
CIELCh(82, 22.106, 53.520) contains.

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Color

CIELCh(82, 22.106, 53.520)

Conversions

Conversions Part 1

Format	Color
Hex	F0C2AB
RGB	240, 194, 171
RGB Percent	94%, 76%, 67%
CMY	0.0573, 0.2377, 0.3280
CMYK	0.00, 0.19, 0.29, 0.06
HSL	20°, 70%, 81%
HSV	20°, 29%, 94%
XYZ	62.8294, 60.2982, 47.0378
YIQ	205.1320, 34.7990, 2.5990

Conversions

Conversions Part 2

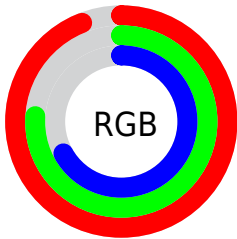
Format	Color
R _Y B	240, 206, 171
Decimal	15778475
CIE Lab	82.00, 13.14, 17.77
CIE LCh	82, 22.106, 53.520
Yxy	60.2982, 0.3692, 0.3544
Android (android.graphics.Color)	4293968555 (0xFFFF0C2AB)
YUV	205.1320, -16.8271, 30.5792
Hunter-Lab	77.6519, 8.5363, 18.4413

Details

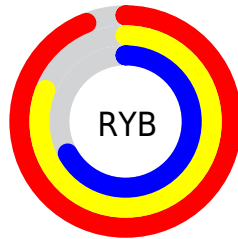
The CIELCh color **82, 22.106, 53.520** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 18.822, 238.973**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.761, 102.642**, and **62, 22.055, 52.597** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.946, 52.909**, and if you desaturate by 10%, it is **86, 13.882, 54.214**.

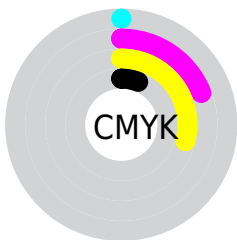
Distribution



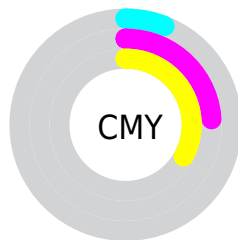
- Red (94%)
- Green (76%)
- Blue (67%)



- Red (94%)
- Yellow (81%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 22.106, 53.520 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, 22.106, 53.520 by changing the saturation by 10% instead.

 82, 22.106, 53.520

 82, 22.106, 53.520

 100, 22.106,
53.520

 72, 22.106, 53.520

 62, 22.106, 53.520

 52, 22.106, 53.520

 42, 22.106, 53.520

 32, 22.106, 53.520

 22, 22.106, 53.520

 12, 22.106, 53.520

 2, 22.106, 53.520

 0, 22.106, 53.520

82, 22.106, 53.520

82, 22.106, 53.520

78, 30.946, 52.909

86, 13.882, 54.214

74, 40.417, 52.379

91, 6.233, 54.923

70, 50.476, 51.939

96, 0.894, 236.436

66, 60.962, 51.558

99, 5.029, 199.218

62, 71.467, 51.116

59, 81.087, 50.317

57, 88.455, 48.727

56, 89.334, 48.544

Harmonies

Complementary

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



82, 22.106, 53.520



84, 18.822, 238.973

Rectangle

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



82, 22.106, 53.520



82, 22.106, 103.520



82, 22.106, 233.520



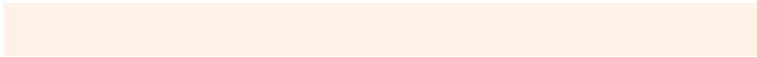
82, 22.106, 283.520

Sweetspot

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



82, 22.105, 53.528



96, 6.760, 54.902



78, 34.808, 337.837



50, 4.722, 54.801



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, 22.105, 53.528



84, 28.018, 53.184



91, 29.895, 99.061



48, 4.066, 54.872



44, 72.534, 49.147



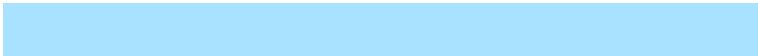
11, 24.429, 44.925

Inverse Universe

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



84, 18.822, 238.973



87, 23.038, 239.846



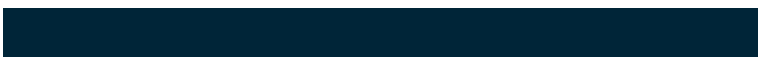
75, 31.150, 286.291



48, 3.878, 236.637



49, 40.477, 262.054



13, 16.372, 253.642

Previews

White Background



This preview shows how the CIELCh color 82, 22.106, 53.520 looks on a white background.

Color Contrast Check

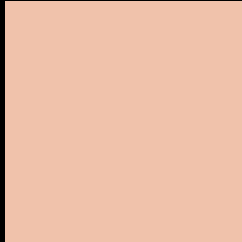
Large Text (above 18pt) WCAG AA × Fail

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, 22.106, 53.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

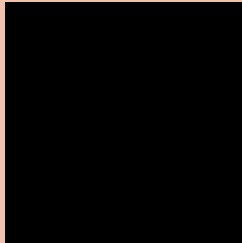
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 22.106, 53.520

Background



This preview shows how black text looks on a background with the CIELCh color 82, 22.106, 53.520.

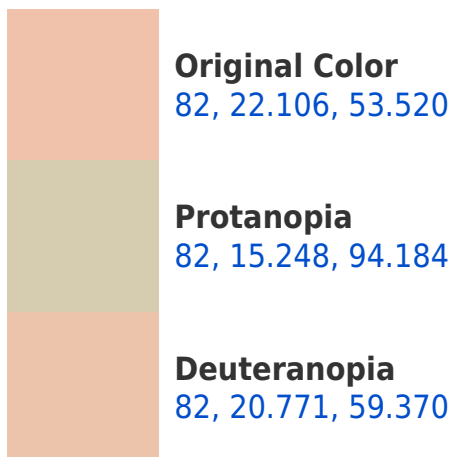


This preview shows how white text looks on a background with the CIELCh color 82, 22.106, 53.520.

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, 21.455, 1.168

Trichromacy



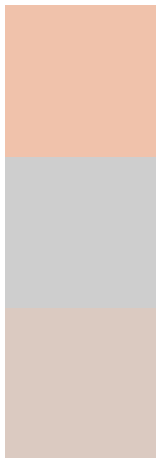
Original Color
82, 22.106, 53.520

Protanomaly
82, 16.887, 76.756

Deuteranomaly
82, 21.408, 56.350

Tritanomaly
82, 19.517, 20.943

Monochromacy



Original Color
82, 22.106, 53.520

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 7.961, 56.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 22.106, 53.520 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(240, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(240, 194, 171)  
}
```

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(240, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 194, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 22.106, 53.520 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(240, 194, 171) }
```

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

```
.border{ border-color:rgb(240, 194, 171) }
```

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

Here you see how a box with a 4 pixel rgb(240, 194, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(240, 194,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 22.106, 53.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 194, 171) }
```

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

```
.background{ background-color: rgb(240,  
194, 171) }
```

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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