

Converting Colors

CIELCh(81, 21.391, 43.315)

Have a look what the booklet for
CIELCh(81, 21.391, 43.315) contains.

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Color

CIELCh(81, 21.373, 42.384)

Conversions

Conversions Part 1

Format	Color
Hex	F0BEAF
RGB	240, 190, 175
RGB Percent	94%, 75%, 69%
CMY	0.0587, 0.2547, 0.3136
CMYK	0.00, 0.21, 0.27, 0.06
HSL	14°, 68%, 81%
HSV	14°, 27%, 94%
XYZ	62.1110, 58.4711, 48.5880
YIQ	203.2400, 34.6150, 5.9350

Conversions

Conversions Part 2

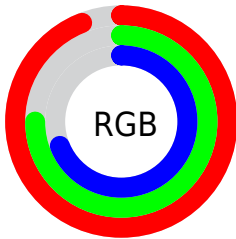
Format	Color
R _Y B	240, 195, 175
Decimal	15777455
CIE Lab	81.00, 15.79, 14.41
CIE LCh	81, 21.373, 42.384
Yxy	58.4711, 0.3672, 0.3456
Android (android.graphics.Color)	4293967535 (0xFFFF0BEAF)
YUV	203.2400, -13.9223, 32.2385
Hunter-Lab	76.4664, 11.1732, 15.8526

Details

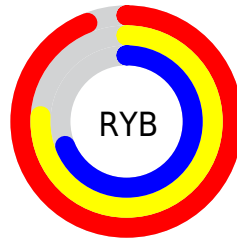
The CIELCh color **81, 21.373, 42.384** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 17.833, 224.764**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.287, 86.413**, and **61, 21.180, 42.617** is the 20% darker color. If you saturate the color by 10%, you get **76, 30.509, 42.368**, and if you desaturate by 10%, it is **86, 12.932, 42.543**.

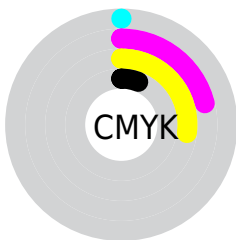
Distribution



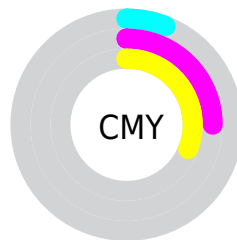
- Red (94%)
- Green (75%)
- Blue (69%)



- Red (94%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 21.373, 42.384 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 81, 21.373, 42.384 by changing the saturation by 10% instead.

 81, 21.373, 42.384

 81, 21.373, 42.384

 100, 21.373,
42.384

 71, 21.373, 42.384

 61, 21.373, 42.384

 51, 21.373, 42.384

 41, 21.373, 42.384

 31, 21.373, 42.384

 21, 21.373, 42.384

 11, 21.373, 42.384

 1, 21.373, 42.384

 0, 21.373, 42.384

81, 21.373, 42.384

81, 21.373, 42.384

76, 30.509, 42.368

86, 12.932, 42.543

71, 40.360, 42.512

91, 5.146, 42.749

67, 50.885, 42.850

96, 2.045, 223.524

63, 61.939, 43.380

99, 5.149, 199.208

59, 73.164, 44.018

56, 83.732, 44.488

54, 92.002, 44.183

53, 94.054, 44.088

Harmonies

Complementary

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



81, 21.373, 42.384



87, 17.833, 224.764

Rectangle

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



81, 21.373, 42.384



81, 21.373, 92.384



81, 21.373, 222.384



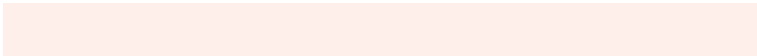
81, 21.373, 272.384

Sweetspot

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



81, 21.372, 42.392



96, 6.131, 42.733



79, 35.534, 332.890



50, 4.384, 42.704



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 21.372, 42.392



83, 27.085, 42.361



89, 25.195, 91.522



47, 4.166, 42.705



41, 76.475, 44.542



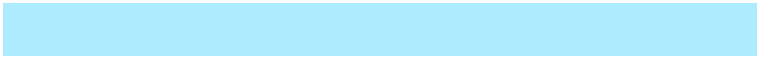
10, 25.764, 37.037

Inverse Universe

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



87, 17.833, 224.764



90, 21.741, 225.238



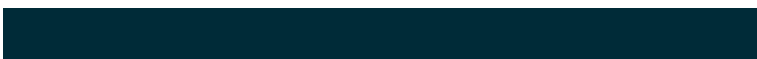
78, 25.439, 278.920



49, 3.933, 223.616



55, 35.066, 242.199



16, 14.977, 235.280

Previews

White Background



This preview shows how the CIELCh color 81, 21.373, 42.384 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 81, 21.373, 42.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

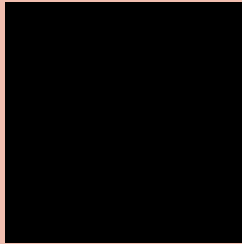
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 21.373, 42.384

Background



This preview shows how black text looks on a background with the CIELCh color 81, 21.373, 42.384.

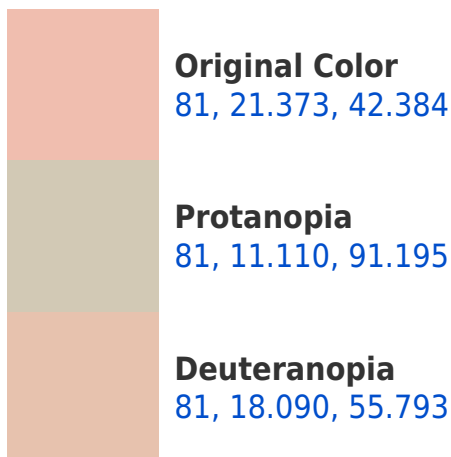


This preview shows how white text looks on a background with the CIELCh color 81, 21.373, 42.384.

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
81, 22.755, 1.055

Trichromacy



Original Color
81, 21.373, 42.384

Protanomaly
81, 13.337, 65.201

Deuteranomaly
81, 19.135, 51.848

Tritanomaly
81, 21.140, 14.022

Monochromacy



Original Color
81, 21.373, 42.384

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 7.253, 41.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 21.373, 42.384 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, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(240, 190, 175)  
}
```

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, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 190, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 21.373, 42.384 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, 190, 175) }
```

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

```
.border{ border-color:rgb(240, 190, 175) }
```

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

Here you see how a box with a 4 pixel rgb(240, 190, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(240, 190,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 21.373, 42.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 190, 175) }
```

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

```
.background{ background-color: rgb(240,  
190, 175) }
```

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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