

Converting Colors

CIELCh(81, 21.172, 51.887)

Have a look what the booklet for
CIELCh(81, 21.172, 51.887) contains.

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Color

CIELCh(81, 21.172, 51.887)

Conversions

Conversions Part 1

Format	Color
Hex	EDC0AB
RGB	237, 192, 171
RGB Percent	93%, 75%, 67%
CMY	0.0717, 0.2481, 0.3304
CMYK	0.00, 0.19, 0.28, 0.07
HSL	19°, 64%, 80%
HSV	19°, 28%, 93%
XYZ	60.9505, 58.4711, 46.4730
YIQ	203.0610, 33.5610, 3.0090

Conversions

Conversions Part 2

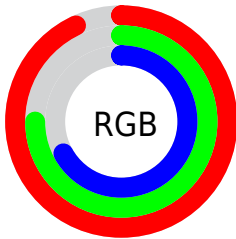
Format	Color
R _Y B	237, 202, 171
Decimal	15581355
CIE Lab	81.00, 13.07, 16.66
CIE LCh	81, 21.172, 51.887
Yxy	58.4711, 0.3674, 0.3525
Android (android.graphics.Color)	4293771435 (0xFFEDC0AB)
YUV	203.0610, -15.8061, 29.7645
Hunter-Lab	76.4664, 8.4642, 17.4925

Details

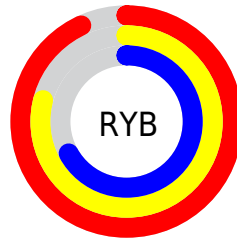
The CIELCh color **81, 21.172, 51.887** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 18.020, 236.780**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.462, 96.437**, and **61, 21.070, 50.854** is the 20% darker color. If you saturate the color by 10%, you get **77, 29.894, 51.354**, and if you desaturate by 10%, it is **85, 13.070, 52.511**.

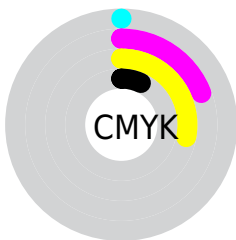
Distribution



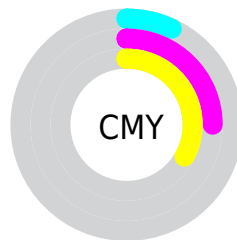
- Red (93%)
- Green (75%)
- Blue (67%)



- Red (93%)
- Yellow (79%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 21.172, 51.887 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, 21.172, 51.887 by changing the saturation by 10% instead.


 81, 21.172, 51.887

 81, 21.172, 51.887


 100, 21.172,
51.887


 71, 21.172, 51.887

 61, 21.172, 51.887

 51, 21.172, 51.887

 41, 21.172, 51.887

 31, 21.172, 51.887

 21, 21.172, 51.887

 11, 21.172, 51.887

 1, 21.172, 51.887

 0, 21.172, 51.887

81, 21.172, 51.887

81, 21.172, 51.887

77, 29.894, 51.354

85, 13.070, 52.511

72, 39.256, 50.911

90, 5.546, 53.148

68, 49.224, 50.573

95, 1.454, 234.375

65, 59.652, 50.315

99, 6.271, 199.114

61, 70.172, 50.032

58, 79.946, 49.445

56, 87.549, 48.068

55, 89.012, 47.794

Harmonies

Complementary

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



81, 21.172, 51.887



84, 18.020, 236.780

Rectangle

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



81, 21.172, 51.887



81, 21.172, 101.887



81, 21.172, 231.887



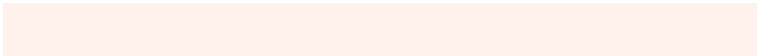
81, 21.172, 281.887

Sweetspot

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



81, 21.171, 51.895



96, 5.991, 53.138



77, 33.750, 337.023



51, 4.281, 53.046



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, 21.171, 51.895



84, 27.168, 51.599



89, 28.200, 98.165



47, 3.997, 53.052



42, 72.354, 48.385



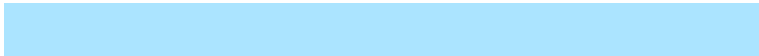
10, 23.339, 42.975

Inverse Universe

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



84, 18.020, 236.780



88, 22.326, 237.572



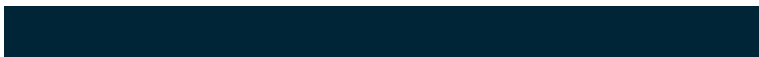
75, 29.235, 285.243



47, 3.806, 234.701



49, 38.991, 259.365



13, 15.550, 250.587

Previews

White Background



This preview shows how the CIELCh color 81, 21.172, 51.887 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, 21.172, 51.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

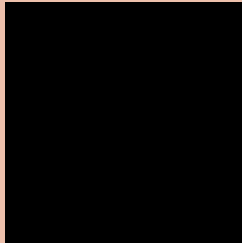
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 21.172, 51.887

Background



This preview shows how black text looks on a background with the CIELCh color 81, 21.172, 51.887.



This preview shows how white text looks on a background with the CIELCh color 81, 21.172, 51.887.

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

81, 21.172, 51.887

Protanopia

81, 14.269, 93.227

Deuteranopia

81, 19.824, 59.726



Tritanopia
81, 21.313, 359.454

Trichromacy



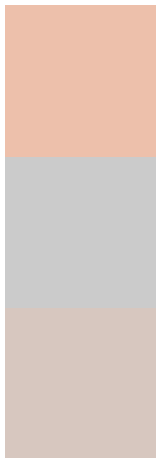
Original Color
81, 21.172, 51.887

Protanomaly
81, 15.812, 76.067

Deuteranomaly
81, 20.454, 56.546

Tritanomaly
81, 19.133, 17.802

Monochromacy



Original Color
81, 21.172, 51.887

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 7.355, 54.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 21.172, 51.887 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(237, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 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(237, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 21.172, 51.887 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(237, 192, 171) }
```

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

```
.border{ border-color:rgb(237, 192, 171) }
```

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

Here you see how a box with a 4 pixel rgb(237, 192, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 192,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 21.172, 51.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 192, 171) }
```

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

```
.background{ background-color: rgb(237,  
192, 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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