

Converting Colors

CIELCh(81, 20.981, 53.704)

Have a look what the booklet for
CIELCh(81, 20.981, 53.704) contains.

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Color

CIELCh(81, 21.148, 53.574)

Conversions

Conversions Part 1

Format	Color
Hex	ECC0AA
RGB	236, 192, 170
RGB Percent	93%, 75%, 67%
CMY	0.0743, 0.2468, 0.3331
CMYK	0.00, 0.19, 0.28, 0.07
HSL	20°, 64%, 80%
HSV	20°, 28%, 93%
XYZ	60.7344, 58.4711, 46.1422
YIQ	202.6480, 33.2860, 2.4860

Conversions

Conversions Part 2

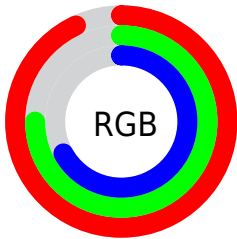
Format	Color
R_{YB}	236, 203, 170
Decimal	15515818
CIE _{Lab}	81.00, 12.56, 17.02
CIE _{LCh}	81, 21.148, 53.574
Yxy	58.4711, 0.3673, 0.3536
Android (android.graphics.Color)	4293705898 (0xFFECC0AA)
YUV	202.6480, -16.0955, 29.2497
Hunter-Lab	76.4664, 7.9596, 17.7490

Details

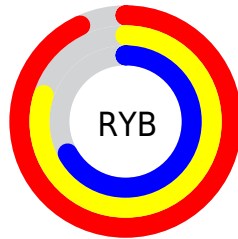
The CIELCh color **81, 21.148, 53.574** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 18.096, 238.858**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.959, 96.923**, and **61, 21.034, 52.624** is the 20% darker color. If you saturate the color by 10%, you get **77, 29.809, 52.958**, and if you desaturate by 10%, it is **85, 13.090, 54.272**.

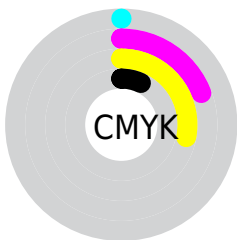
Distribution



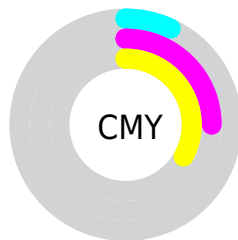
- Red (93%)
- Green (75%)
- Blue (67%)



- Red (93%)
- Yellow (80%)
- 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, 21.148, 53.574 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, 21.148, 53.574 by changing the saturation by 10% instead.

 81, 21.148, 53.574

 81, 21.148, 53.574

 100, 21.148,
53.574

 71, 21.148, 53.574

 61, 21.148, 53.574

 51, 21.148, 53.574

 41, 21.148, 53.574

 31, 21.148, 53.574

 21, 21.148, 53.574

 11, 21.148, 53.574

 1, 21.148, 53.574

 0, 21.148, 53.574

81, 21.148, 53.574

81, 21.148, 53.574

77, 29.809, 52.958

85, 13.090, 54.272

73, 39.093, 52.420

90, 5.595, 54.977

69, 48.961, 51.974

94, 1.392, 236.271

65, 59.270, 51.591

99, 6.495, 199.096

62, 69.644, 51.163

59, 79.247, 50.412

56, 86.697, 48.875

55, 88.080, 48.581

Harmonies

Complementary

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



81, 21.148, 53.574



83, 18.096, 238.858

Rectangle

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



81, 21.148, 53.574



81, 21.148, 103.574



81, 21.148, 233.574



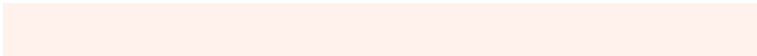
81, 21.148, 283.574

Sweetspot

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



81, 21.147, 53.582



96, 5.987, 54.972



77, 33.399, 337.771



51, 4.278, 54.870



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, 21.147, 53.582



84, 28.018, 53.187



89, 28.684, 99.153



47, 3.994, 54.876



43, 71.757, 49.184



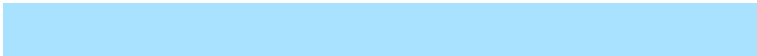
11, 23.166, 44.291

Inverse Universe

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



83, 18.096, 238.858



87, 23.038, 239.849



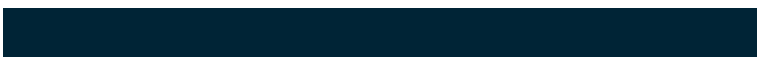
75, 29.848, 286.158



47, 3.811, 236.638



48, 40.036, 262.001



13, 15.832, 253.123

Previews

White Background



This preview shows how the CIELCh color 81, 21.148, 53.574 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 81, 21.148, 53.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

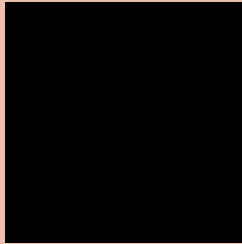
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 21.148, 53.574

Background



This preview shows how black text looks on a background with the CIELCh color 81, 21.148, 53.574.



This preview shows how white text looks on a background with the CIELCh color 81, 21.148, 53.574.

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, 21.313, 359.454

Trichromacy



Original Color
81, 21.148, 53.574

Protanomaly
81, 15.812, 76.067

Deuteranomaly
81, 20.127, 57.215

Tritanomaly
81, 19.153, 19.371

Monochromacy



Original Color
81, 21.148, 53.574

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, 21.148, 53.574 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, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(236, 192, 170)  
}
```

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, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 192, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 21.148, 53.574 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, 192, 170) }
```

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

```
.border{ border-color:rgb(236, 192, 170) }
```

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

Here you see how a box with a 4 pixel rgb(236, 192, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(236, 192,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 21.148, 53.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 192, 170) }
```

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

```
.background{ background-color: rgb(236,  
192, 170) }
```

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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