

Converting Colors

CIELCh(81, 20.134, 51.162)

Have a look what the booklet for
CIELCh(81, 20.134, 51.162) contains.

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Color

CIELCh(81, 19.855, 50.659)

Conversions

Conversions Part 1

Format	Color
Hex	EBC0AD
RGB	235, 192, 173
RGB Percent	92%, 75%, 68%
CMY	0.0778, 0.2465, 0.3210
CMYK	0.00, 0.18, 0.26, 0.08
HSL	18°, 61%, 80%
HSV	18°, 26%, 92%
XYZ	60.7468, 58.4711, 47.6894
YIQ	202.6910, 31.7270, 3.2070

Conversions

Conversions Part 2

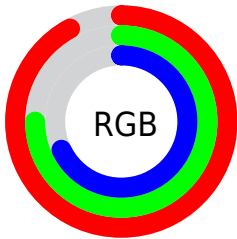
Format	Color
R _Y B	235, 200, 173
Decimal	15450285
CIE Lab	81.00, 12.59, 15.36
CIE LCh	81, 19.855, 50.659
Yxy	58.4711, 0.3640, 0.3503
Android (android.graphics.Color)	4293640365 (0xFFEBC0AD)
YUV	202.6910, -14.6377, 28.3350
Hunter-Lab	76.4664, 7.9886, 16.5494

Details

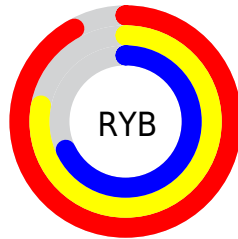
The CIELCh color **81, 19.855, 50.659** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 16.998, 234.970**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.471, 95.314**, and **61, 19.653, 49.507** is the 20% darker color. If you saturate the color by 10%, you get **77, 28.472, 50.179**, and if you desaturate by 10%, it is **86, 11.860, 51.233**.

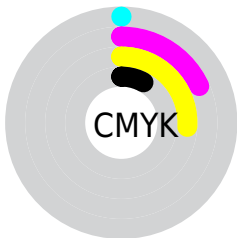
Distribution



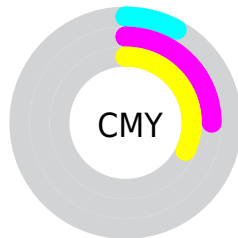
- Red (92%)
- Green (75%)
- Blue (68%)



- Red (92%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (8%)



- Cyan (8%)
- Magenta (25%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 19.855, 50.659 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, 19.855, 50.659 by changing the saturation by 10% instead.

 81, 19.855, 50.659

 81, 19.855, 50.659

 100, 19.855,
50.659

 71, 19.855, 50.659

 61, 19.855, 50.659

 51, 19.855, 50.659

 41, 19.855, 50.659

 31, 19.855, 50.659

 21, 19.855, 50.659

 11, 19.855, 50.659

 1, 19.855, 50.659

 0, 19.855, 50.659

81, 19.855, 50.659

81, 19.855, 50.659

77, 28.472, 50.179

86, 11.860, 51.233

72, 37.737, 49.795

90, 4.444, 51.803

68, 47.626, 49.528

95, 2.450, 232.858

64, 58.018, 49.360

99, 6.801, 199.072

61, 68.593, 49.206

58, 78.609, 48.820

55, 86.631, 47.687

54, 89.120, 47.231

Harmonies

Complementary

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



81, 19.855, 50.659



84, 16.998, 234.970

Rectangle

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



81, 19.855, 50.659



81, 19.855, 100.659



81, 19.855, 230.659



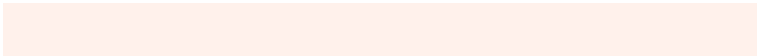
81, 19.855, 280.659

Sweetspot

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



81, 19.854, 50.668



96, 5.998, 51.718



78, 32.125, 336.180



51, 4.287, 51.634



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, 19.854, 50.668



84, 26.314, 50.374



89, 26.108, 97.316



47, 4.002, 51.639



42, 72.816, 47.793



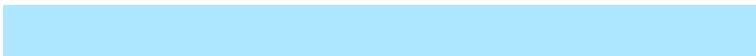
10, 23.480, 41.982

Inverse Universe

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



84, 16.998, 234.970



88, 21.662, 235.776



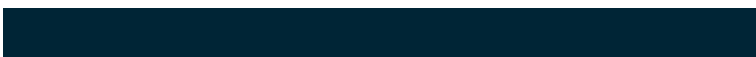
76, 26.907, 284.050



47, 3.806, 233.197



50, 38.236, 257.243



13, 15.352, 248.572

Previews

White Background



This preview shows how the CIELCh color 81, 19.855, 50.659 looks on a white background.

Color Contrast Check

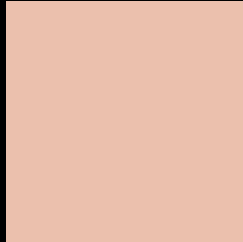
Large Text (above 18pt) WCAG AA × Fail

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, 19.855, 50.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

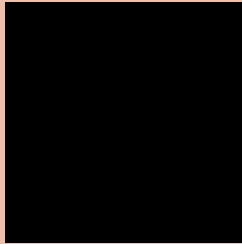
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 19.855, 50.659

Background



This preview shows how black text looks on a background with the CIELCh color 81, 19.855, 50.659.

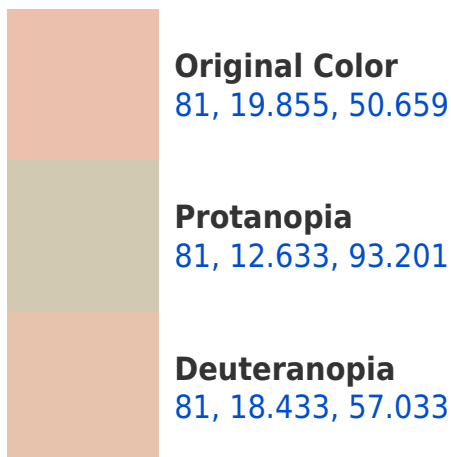


This preview shows how white text looks on a background with the CIELCh color 81, 19.855, 50.659.

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, 20.074, 359.534

Trichromacy



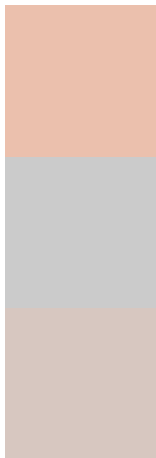
Original Color
81, 19.855, 50.659

Protanomaly
81, 14.242, 74.199

Deuteranomaly
81, 19.112, 53.723

Tritanomaly
81, 17.941, 17.485

Monochromacy



Original Color
81, 19.855, 50.659

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 7.054, 51.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 19.855, 50.659 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(235, 192, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 192, 173)  
}
```

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(235, 192, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 192, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 19.855, 50.659 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(235, 192, 173) }
```

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

```
.border{ border-color:rgb(235, 192, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 192, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 192, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 192, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 192,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 19.855, 50.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 192, 173) }
```

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

```
.background{ background-color: rgb(235,  
192, 173) }
```

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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