

Converting Colors

CIELCh(81, 24.120, 49.607)

Have a look what the booklet for
CIELCh(81, 24.120, 49.607) contains.

CIELCh(81, 24.016, 49.440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 24.016, 49.440)

Conversions

Conversions Part 1

Format	Color
Hex	F2BEA8
RGB	242, 190, 168
RGB Percent	95%, 75%, 66%
CMY	0.0514, 0.2552, 0.3415
CMYK	0.00, 0.21, 0.31, 0.05
HSL	18°, 74%, 80%
HSV	18°, 31%, 95%
XYZ	62.0377, 58.4711, 45.0186
YIQ	203.0400, 38.0540, 4.1820

Conversions

Conversions Part 2

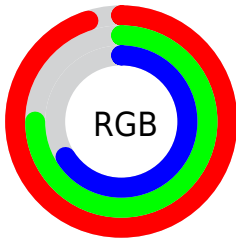
Format	Color
R _Y B	242, 199, 168
Decimal	15908520
CIE Lab	81.00, 15.62, 18.25
CIE LCh	81, 24.016, 49.440
Yxy	58.4711, 0.3748, 0.3532
Android (android.graphics.Color)	4294098600 (0xFFFF2BEA8)
YUV	203.0400, -17.2747, 34.1679
Hunter-Lab	76.4664, 11.0021, 18.6202

Details

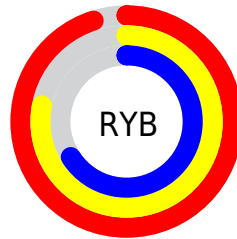
The CIELCh color **81, 24.016, 49.440** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 19.906, 234.283**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.154, 93.514**, and **61, 24.076, 49.933** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.151, 49.056**, and if you desaturate by 10%, it is **86, 15.541, 49.936**.

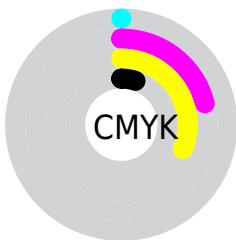
Distribution



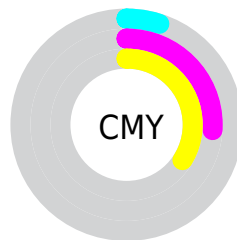
- Red (95%)
- Green (75%)
- Blue (66%)



- Red (95%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 24.016, 49.440 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, 24.016, 49.440 by changing the saturation by 10% instead.

81, 24.016, 49.440

81, 24.016, 49.440

100, 24.016,
49.440

71, 24.016, 49.440

61, 24.016, 49.440

51, 24.016, 49.440

41, 24.016, 49.440

31, 24.016, 49.440

21, 24.016, 49.440

11, 24.016, 49.440

1, 24.016, 49.440

0, 24.016, 49.440

81, 24.016, 49.440

81, 24.016, 49.440

77, 33.151, 49.056

86, 15.541, 49.936

72, 42.957, 48.784

90, 7.690, 50.479

68, 53.375, 48.636

95, 0.407, 49.757

64, 64.210, 48.575

99, 4.515, 199.266

61, 74.983, 48.459

58, 84.639, 47.930

56, 91.549, 46.748

Harmonies

Complementary

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



81, 24.016, 49.440



85, 19.906, 234.283

Rectangle

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



81, 24.016, 49.440



81, 24.016, 99.440



81, 24.016, 229.440



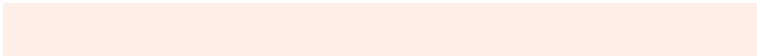
81, 24.016, 279.440

Sweetspot

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



81, 24.015, 49.447



95, 6.782, 50.562



77, 38.545, 335.810



50, 4.739, 50.484



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, 24.015, 49.447



82, 31.111, 49.179



90, 30.520, 95.725



48, 4.079, 50.538



43, 73.966, 47.316



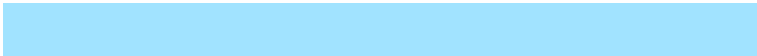
11, 24.860, 41.930

Inverse Universe

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



85, 19.906, 234.283



87, 24.606, 235.269



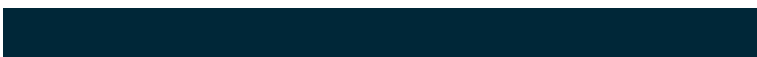
75, 31.503, 283.827



48, 3.875, 232.026



51, 38.095, 255.598



14, 15.711, 247.471

Previews

White Background



This preview shows how the CIELCh color 81, 24.016, 49.440 looks on a white background.

Color Contrast Check

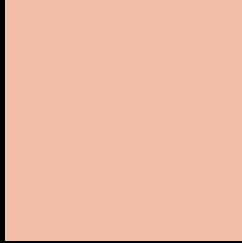
Large Text (above 18pt) WCAG AA × Fail

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, 24.016, 49.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

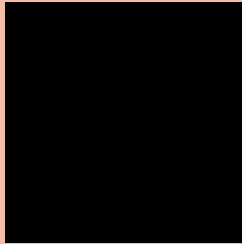
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 24.016, 49.440

Background



This preview shows how black text looks on a background with the CIELCh color 81, 24.016, 49.440.

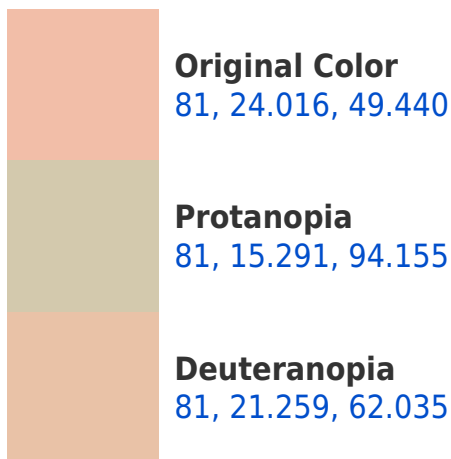


This preview shows how white text looks on a background with the CIELCh color 81, 24.016, 49.440.

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, 23.854, 2.148

Trichromacy



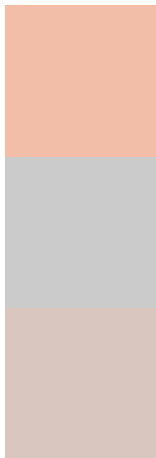
Original Color
81, 24.016, 49.440

Protanomaly
81, 16.960, 73.587

Deuteranomaly
81, 22.167, 58.346

Tritanomaly
81, 21.956, 19.823

Monochromacy



Original Color
81, 24.016, 49.440

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 8.333, 50.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 24.016, 49.440 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(242, 190, 168)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 168)  
}
```

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(242, 190, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 24.016, 49.440 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(242, 190, 168) }
```

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

```
.border{ border-color:rgb(242, 190, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 168);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 24.016, 49.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 168) }
```

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

```
.background{ background-color: rgb(242,  
190, 168) }
```

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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