

Converting Colors

CIELCh(81, 16.753, 64.823)

Have a look what the booklet for
CIELCh(81, 16.753, 64.823) contains.

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Color

CIELCh(81, 17.011, 65.324)

Conversions

Conversions Part 1

Format	Color
Hex	E2C4AD
RGB	226, 196, 173
RGB Percent	89%, 77%, 68%
CMY	0.1149, 0.2325, 0.3227
CMYK	0.00, 0.13, 0.23, 0.11
HSL	26°, 47%, 78%
HSV	26°, 23%, 89%
XYZ	58.4554, 58.4711, 47.5933
YIQ	202.3480, 25.2630, -0.7930

Conversions

Conversions Part 2

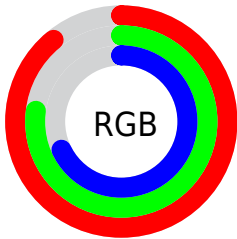
Format	Color
RYB	226, 214, 173
Decimal	14861485
CIELab	81.00, 7.10, 15.46
CIELCh	81, 17.011, 65.324
Yxy	58.4711, 0.3553, 0.3554
Android (android.graphics.Color)	4293051565 (0xFFE2C4AD)
YUV	202.3480, -14.4686, 20.7428
Hunter-Lab	76.4664, 2.6396, 16.6239

Details

The CIELCh color $81, 17.011, 65.324$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80, 15.548, 251.220$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 12.685, 105.928$, and $61, 16.802, 64.204$ is the 20% darker color. If you saturate the color by 10%, you get $77, 24.991, 64.248$, and if you desaturate by 10%, it is $85, 9.483, 66.420$.

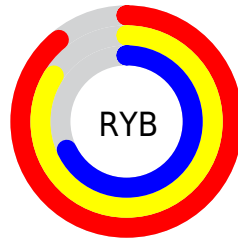
Distribution



Red (89%)

Green (77%)

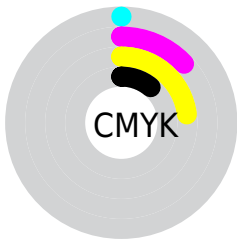
Blue (68%)



Red (89%)

Yellow (84%)

Blue (68%)

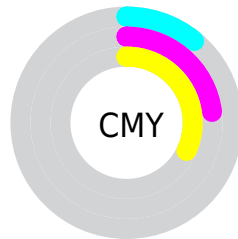


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 17.011, 65.324 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, 17.011, 65.324 by changing the saturation by 10% instead.

 81, 17.011, 65.324

 81, 17.011, 65.324

 100, 17.011,
65.324

 71, 17.011, 65.324

 61, 17.011, 65.324

 51, 17.011, 65.324

 41, 17.011, 65.324

 31, 17.011, 65.324

 21, 17.011, 65.324

 11, 17.011, 65.324

 1, 17.011, 65.324

 0, 17.011, 65.324

81, 17.011, 65.324

81, 17.011, 65.324

77, 24.991, 64.248

85, 9.483, 66.420

74, 33.436, 63.179

88, 2.373, 67.385

70, 42.324, 62.128

92, 4.359, 248.784

67, 51.547, 61.073

96, 8.218, 229.928

64, 60.837, 59.942

98, 9.945, 198.844

61, 69.608, 58.560

59, 76.799, 56.577

57, 80.460, 54.969

Harmonies

Complementary

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



81, 17.011, 65.324



80, 15.548, 251.220

Rectangle

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



81, 17.011, 65.324



81, 17.011, 115.324



81, 17.011, 245.324



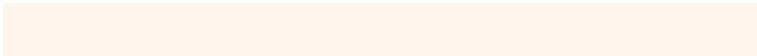
81, 17.011, 295.324

Sweetspot

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



81, 17.011, 65.334



97, 5.338, 67.088



76, 25.257, 342.175



51, 3.475, 67.028



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, 17.011, 65.334



88, 22.718, 64.820



88, 25.617, 104.947



45, 3.931, 66.846



45, 66.480, 55.637



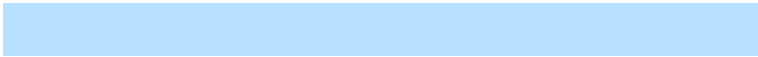
10, 19.797, 52.921

Inverse Universe

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



80, 15.548, 251.220



87, 20.343, 252.053



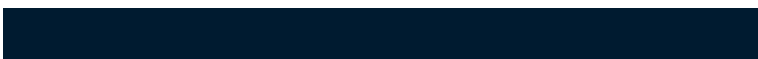
73, 26.862, 290.231



45, 3.807, 249.164



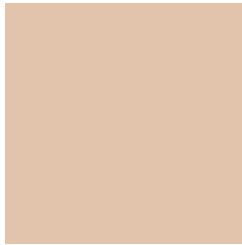
41, 47.661, 276.607



9, 17.003, 266.783

Previews

White Background



This preview shows how the CIELCh color 81, 17.011, 65.324 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, 17.011, 65.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

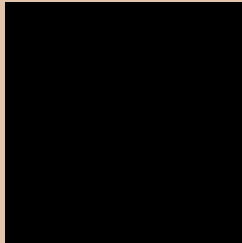
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 17.011, 65.324

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.011, 65.324.



This preview shows how white text looks on a background with the CIELCh color 81, 17.011, 65.324.

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, 17.011, 65.324

Protanopia

81, 14.269, 93.227

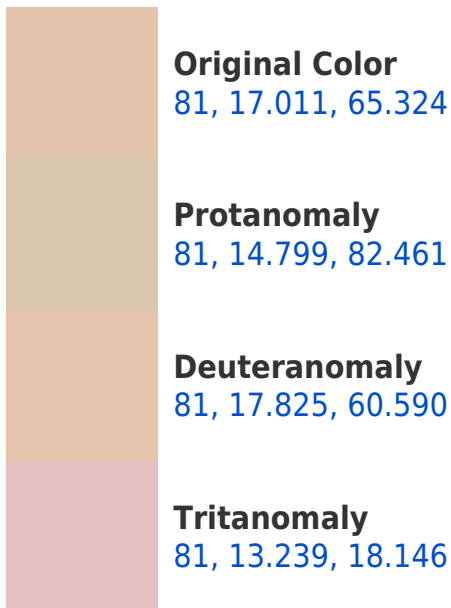
Deuteranopia

81, 18.433, 57.033



Tritanopia
81, 16.464, 351.979

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.011, 65.324 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(226, 196, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 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(226, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.011, 65.324 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(226, 196, 173) }
```

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

```
.border{ border-color:rgb(226, 196, 173) }
```

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

Here you see how a box with a 4 pixel rgb(226, 196, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 196,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.011, 65.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 173) }
```

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

```
.background{ background-color: rgb(226,  
196, 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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