

Converting Colors

CIELCh(81, 22.033, 74.346)

Have a look what the booklet for
CIELCh(81, 22.033, 74.346) contains.

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Color

CIELCh(81, 21.965, 74.223)

Conversions

Conversions Part 1

Format	Color
Hex	E3C4A2
RGB	227, 196, 162
RGB Percent	89%, 77%, 64%
CMY	0.1095, 0.2310, 0.3644
CMYK	0.00, 0.14, 0.29, 0.11
HSL	31°, 54%, 76%
HSV	31°, 29%, 89%
XYZ	57.9907, 58.4711, 42.4478
YIQ	201.3930, 29.3900, -4.0020

Conversions

Conversions Part 2

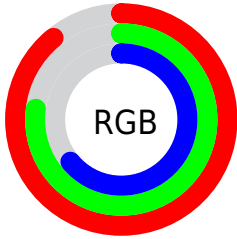
Format	Color
R_{YB}	221, 227, 162
Decimal	14927010
CIE _{Lab}	81.00, 5.97, 21.14
CIE _{LCh}	81, 21.965, 74.223
Yxy	58.4711, 0.3649, 0.3680
Android (android.graphics.Color)	4293117090 (0xFFE3C4A2)
YUV	201.3930, -19.4207, 22.4573
Hunter-Lab	76.4664, 1.5549, 20.6136

Details

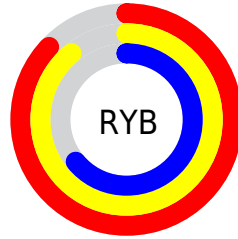
The CIELCh color $81, 21.965, 74.223$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $77, 20.529, 262.394$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 18.239, 106.470$, and $61, 22.053, 73.545$ is the 20% darker color. If you saturate the color by 10%, you get $78, 30.287, 72.922$, and if you desaturate by 10%, it is $84, 13.984, 75.515$.

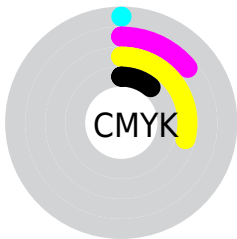
Distribution



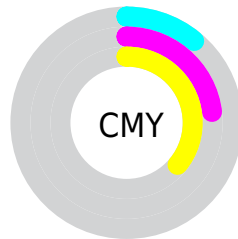
- Red (89%)
- Green (77%)
- Blue (64%)



- Red (87%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 21.965, 74.223 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, 21.965, 74.223 by changing the saturation by 10% instead.

 81, 21.965, 74.223


 81, 21.965, 74.223

 100, 21.965,
74.223

 71, 21.965, 74.223

 61, 21.965, 74.223

 51, 21.965, 74.223

 41, 21.965, 74.223

 31, 21.965, 74.223

 21, 21.965, 74.223

 11, 21.965, 74.223

 1, 21.965, 74.223

 0, 21.965, 74.223

81, 21.965, 74.223

81, 21.965, 74.223

78, 30.287, 72.922

84, 13.984, 75.515

75, 38.919, 71.592

87, 6.336, 76.752

72, 47.769, 70.225

91, 0.999, 258.438

69, 56.612, 68.777

94, 8.048, 259.305

66, 64.986, 67.138

97, 8.181, 216.414

64, 72.063, 65.088

98, 9.487, 198.876

62, 76.951, 62.362

61, 77.576, 61.992

Harmonies

Complementary

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



81, 21.965, 74.223



77, 20.529, 262.394

Rectangle

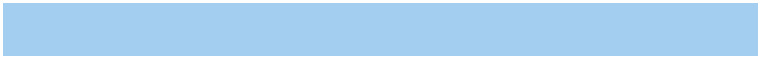
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 21.965, 74.223



81, 21.965, 124.223



81, 21.965, 254.223



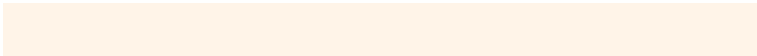
81, 21.965, 304.223

Sweetspot

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



81, 21.965, 74.231



97, 7.270, 76.701



74, 29.447, 347.262



51, 5.068, 76.524



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, 21.965, 74.231



88, 29.012, 73.502



89, 33.378, 108.132



46, 4.216, 76.652



49, 64.618, 62.632



12, 20.950, 63.164

Inverse Universe

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



77, 20.529, 262.394



83, 26.716, 263.553



69, 35.775, 294.227



46, 4.138, 259.192



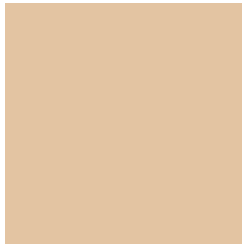
37, 57.712, 286.142



8, 20.587, 277.694

Previews

White Background



This preview shows how the CIELCh color 81, 21.965, 74.223 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, 21.965, 74.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

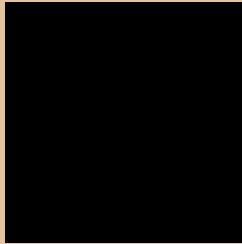
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 21.965, 74.223

Background



This preview shows how black text looks on a background with the CIELCh color 81, 21.965, 74.223.



This preview shows how white text looks on a background with the CIELCh color 81, 21.965, 74.223.

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, 21.965, 74.223

Protanopia

81, 20.097, 94.803

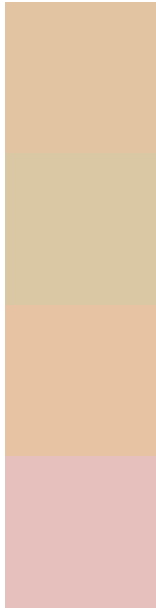
Deuteranopia

81, 23.054, 63.315



Tritanopia
81, 17.472, 353.890

Trichromacy



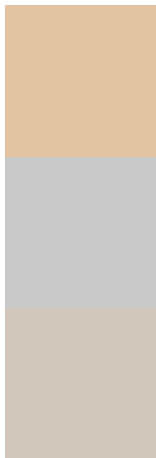
Original Color
81, 21.965, 74.223

Protanomaly
81, 20.496, 86.895

Deuteranomaly
81, 22.271, 67.056

Tritanomaly
81, 14.615, 26.702

Monochromacy



Original Color
81, 21.965, 74.223

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 7.580, 76.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 21.965, 74.223 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(227, 196, 162)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 162)  
}
```

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(227, 196, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 21.965, 74.223 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(227, 196, 162) }
```

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

```
.border{ border-color:rgb(227, 196, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 196, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 196, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 196, 162);  
box-shadow:4px 4px 4px 4px rgb(227, 196,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 21.965, 74.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 162) }
```

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

```
.background{ background-color: rgb(227,  
196, 162) }
```

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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