

Converting Colors

CIELCh(84, 24.849, 81.247)

Have a look what the booklet for
CIELCh(84, 24.849, 81.247) contains.

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Color

CIELCh(84, 24.789, 81.479)

Conversions

Conversions Part 1

Format	Color
Hex	EACEA4
RGB	234, 206, 164
RGB Percent	92%, 81%, 64%
CMY	0.0838, 0.1935, 0.3582
CMYK	0.00, 0.12, 0.30, 0.08
HSL	36°, 62%, 78%
HSV	36°, 30%, 92%
XYZ	62.4626, 64.0658, 44.0312
YIQ	209.5840, 30.1700, -7.1260

Conversions

Conversions Part 2

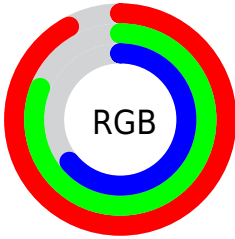
Format	Color
RYB	211, 234, 164
Decimal	15388324
CIELab	84.00, 3.67, 24.52
CIELCh	84, 24.789, 81.479
Yxy	64.0658, 0.3662, 0.3756
Android (android.graphics.Color)	4293578404 (0xFFEACEA4)
YUV	209.5840, -22.4729, 21.4128
Hunter-Lab	80.0411, -0.7739, 23.4129

Details

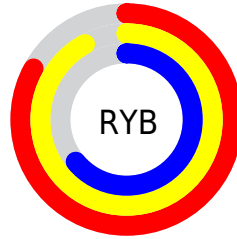
The CIELCh color $84, 24.789, 81.479$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $77, 23.959, 270.219$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 18.203, 108.801$, and $64, 24.736, 82.020$ is the 20% darker color. If you saturate the color by 10%, you get $81, 33.546, 80.101$, and if you desaturate by 10%, it is $87, 16.262, 82.831$.

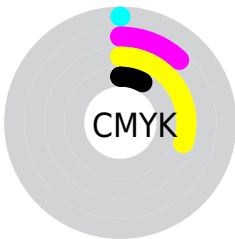
Distribution



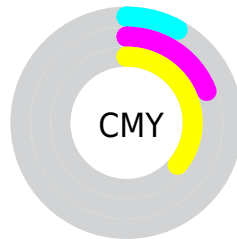
- Red (92%)
- Green (81%)
- Blue (64%)



- Red (83%)
- Yellow (92%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.789, 81.479 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 84, 24.789, 81.479 by changing the saturation by 10% instead.

 84, 24.789, 81.479

 84, 24.789, 81.479

 100, 24.789,
81.479

 74, 24.789, 81.479

 64, 24.789, 81.479

 54, 24.789, 81.479

 44, 24.789, 81.479

 34, 24.789, 81.479

 24, 24.789, 81.479

 14, 24.789, 81.479

 4, 24.789, 81.479

 0, 24.789, 81.479

84, 24.789, 81.479

84, 24.789, 81.479

81, 33.546, 80.101

87, 16.262, 82.831

79, 42.466, 78.675

90, 7.983, 84.124

76, 51.399, 77.190

93, 0.049, 272.092

74, 60.040, 75.602

95, 6.884, 262.877

71, 67.822, 73.809

98, 6.521, 211.078

69, 73.852, 71.615

98, 7.312, 199.033

67, 77.556, 68.866

67, 77.574, 68.852

Harmonies

Complementary

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



84, 24.789, 81.479



77, 23.959, 270.219

Rectangle

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



84, 24.789, 81.479



84, 24.789, 131.479



84, 24.789, 261.479



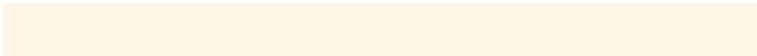
84, 24.789, 311.479

Sweetspot

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



84, 24.790, 81.486



97, 7.741, 84.237



75, 30.137, 352.531



51, 5.392, 84.055



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 24.790, 81.486



89, 32.282, 80.629



91, 35.819, 111.651



48, 4.570, 84.184



53, 64.025, 69.458



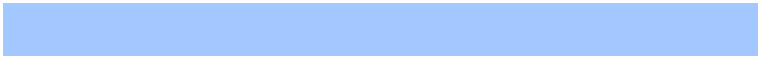
14, 22.610, 71.684

Inverse Universe

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



77, 23.959, 270.219



80, 30.971, 271.532



70, 38.489, 297.168



46, 4.533, 266.744



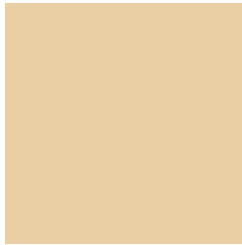
34, 67.485, 292.364



7, 24.426, 285.036

Previews

White Background



This preview shows how the CIELCh color 84, 24.789, 81.479 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 84, 24.789, 81.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

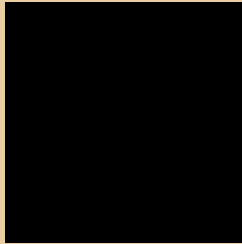
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.789, 81.479

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.789, 81.479.



This preview shows how white text looks on a background with the CIELCh color 84, 24.789, 81.479.

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

84, 24.789, 81.479

Protanopia

84, 23.697, 94.661

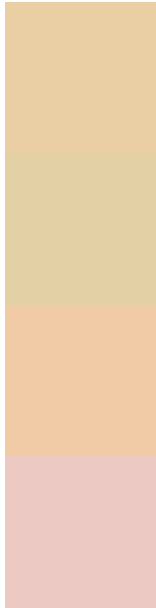
Deuteranopia

84, 26.108, 66.041



Tritanopia
84, 16.672, 352.576

Trichromacy



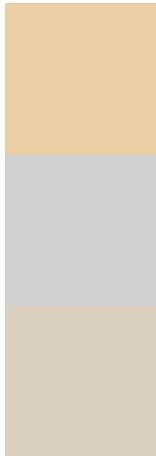
Original Color
84, 24.789, 81.479

Protanomaly
84, 23.783, 89.747

Deuteranomaly
84, 25.271, 71.468

Tritanomaly
84, 13.918, 31.194

Monochromacy



Original Color
84, 24.789, 81.479

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.718, 83.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.789, 81.479 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(234, 206, 164)` looks like.

```
.text, #text, p{  
    color:rgb(234, 206, 164)  
}
```

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(234, 206, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 206, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.789, 81.479 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(234, 206, 164) }
```

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

```
.border{ border-color:rgb(234, 206, 164) }
```

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

Here you see how a box with a 4 pixel rgb(234, 206, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 206, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 206, 164);  
box-shadow:4px 4px 4px 4px rgb(234, 206,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.789, 81.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 206, 164) }
```

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

```
.background{ background-color: rgb(234,  
206, 164) }
```

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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