

Converting Colors

CIELCh(84, 31.510, 86.455)

Have a look what the booklet for
CIELCh(84, 31.510, 86.455) contains.

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Color

CIELCh(84, 31.539, 86.436)

Conversions

Conversions Part 1

Format	Color
Hex	EACE96
RGB	234, 206, 150
RGB Percent	92%, 81%, 59%
CMY	0.0810, 0.1908, 0.4105
CMYK	0.00, 0.12, 0.36, 0.08
HSL	40°, 67%, 75%
HSV	40°, 36%, 92%
XYZ	61.7273, 64.0658, 38.1008
YIQ	207.9880, 34.6640, -11.4800

Conversions

Conversions Part 2

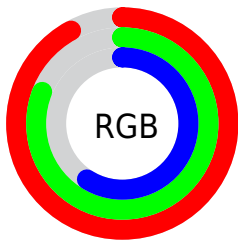
Format	Color
RYB	192, 234, 150
Decimal	15388310
CIELab	84.00, 1.96, 31.48
CIElCh	84, 31.539, 86.436
Yxy	64.0658, 0.3766, 0.3909
Android (android.graphics.Color)	4293578390 (0xFFEACE96)
YUV	207.9880, -28.5881, 22.8125
Hunter-Lab	80.0411, -2.4136, 27.8058

Details

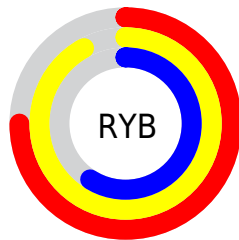
The CIELCh color $84, 31.539, 86.436$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $73, 31.314, 276.991$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 25.235, 108.263$, and $64, 31.333, 86.456$ is the 20% darker color. If you saturate the color by 10%, you get $82, 40.633, 85.045$, and if you desaturate by 10%, it is $86, 22.529, 87.796$.

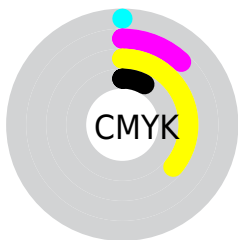
Distribution



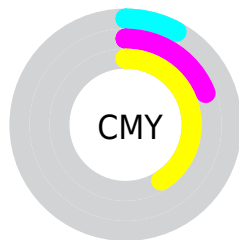
- Red (92%)
- Green (81%)
- Blue (59%)



- Red (75%)
- Yellow (92%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (36%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 31.539, 86.436 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, 31.539, 86.436 by changing the saturation by 10% instead.

 84, 31.539, 86.436

 84, 31.539, 86.436

 100, 31.539,
86.436

 74, 31.539, 86.436

 64, 31.539, 86.436

 54, 31.539, 86.436

 44, 31.539, 86.436

 34, 31.539, 86.436

 24, 31.539, 86.436

 14, 31.539, 86.436

 4, 31.539, 86.436

 0, 31.539, 86.436

84, 31.539, 86.436

84, 31.539, 86.436

82, 40.633, 85.045

86, 22.529, 87.796

79, 49.669, 83.600

89, 13.670, 89.106

77, 58.373, 82.082

91, 4.988, 90.347

75, 66.258, 80.435

94, 3.509, 271.706

73, 72.552, 78.544

96, 6.149, 252.632

71, 76.355, 76.220

98, 6.503, 207.209

70, 77.407, 75.167

99, 7.070, 199.052

Harmonies

Complementary

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



84, 31.539, 86.436



73, 31.314, 276.991

Rectangle

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



84, 31.539, 86.436



84, 31.539, 136.436



84, 31.539, 266.436



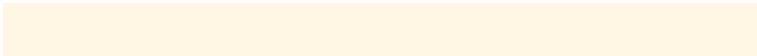
84, 31.539, 316.436

Sweetspot

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



84, 31.540, 86.441



97, 10.100, 89.716



71, 35.262, 357.825



51, 6.797, 89.545



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, 31.540, 86.441



89, 40.736, 85.420



90, 43.026, 114.095



48, 4.866, 89.912



56, 63.824, 75.689



16, 23.344, 78.499

Inverse Universe

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



73, 31.314, 276.991



74, 40.468, 278.652



66, 46.870, 300.058



46, 4.865, 272.402



31, 75.523, 296.547



6, 26.855, 288.978

Previews

White Background



This preview shows how the CIELCh color 84, 31.539, 86.436 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, 31.539, 86.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

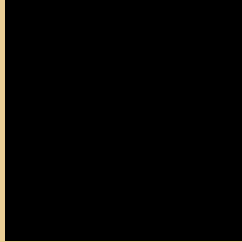
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 31.539, 86.436

Background



This preview shows how black text looks on a background with the CIELCh color 84, 31.539, 86.436.



This preview shows how white text looks on a background with the CIELCh color 84, 31.539, 86.436.

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, 31.539, 86.436

Protanopia

84, 30.463, 95.345

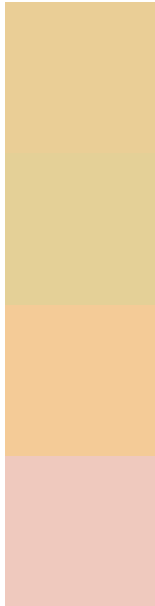
Deuteranopia

84, 33.134, 71.500



Tritanopia
84, 17.678, 354.415

Trichromacy



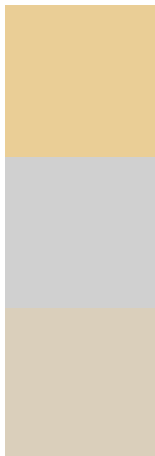
Original Color
84, 31.539, 86.436

Protanomaly
84, 30.896, 92.382

Deuteranomaly
84, 32.250, 76.504

Tritanomaly
84, 15.738, 41.789

Monochromacy



Original Color
84, 31.539, 86.436

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 11.307, 87.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 31.539, 86.436 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(234, 206, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 206, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 31.539, 86.436 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, 150) }
```

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

```
.border{ border-color:rgb(234, 206, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 206, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 206, 150);  
box-shadow:4px 4px 4px 4px rgb(234, 206,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 31.539, 86.436 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, 150) }
```

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

```
.background{ background-color: rgb(234,  
206, 150) }
```

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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