

Converting Colors

CIELCh(79, 31.850, 77.035)

Have a look what the booklet for
CIELCh(79, 31.850, 77.035) contains.

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Color

CIELCh(79, 31.815, 77.058)

Conversions

Conversions Part 1

Format	Color
Hex	E4BD8A
RGB	228, 189, 138
RGB Percent	89%, 74%, 54%
CMY	0.1045, 0.2575, 0.4576
CMYK	0.00, 0.17, 0.39, 0.10
HSL	34°, 63%, 72%
HSV	34°, 39%, 90%
XYZ	54.9809, 54.9284, 31.8662
YIQ	194.8470, 39.6150, -7.5930

Conversions

Conversions Part 2

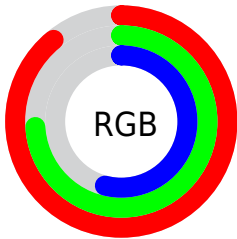
Format	Color
RYB	207, 228, 138
Decimal	14990730
CIELab	79.00, 7.13, 31.01
CIELCh	79, 31.815, 77.058
Yxy	54.9284, 0.3878, 0.3874
Android (android.graphics.Color)	4293180810 (0xFFE4BD8A)
YUV	194.8470, -28.0256, 29.0752
Hunter-Lab	74.1137, 2.7204, 26.3871

Details

The CIELCh color **79, 31.815, 77.058** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 29.770, 269.156**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 27.191, 99.981**, and **59, 32.042, 77.399** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.524, 75.665**, and if you desaturate by 10%, it is **82, 23.335, 78.427**.

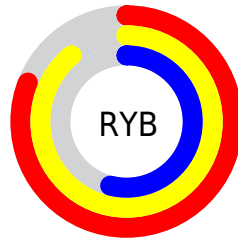
Distribution



Red (89%)

Green (74%)

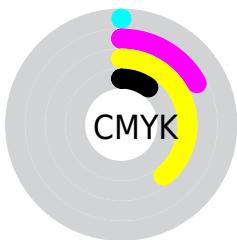
Blue (54%)



Red (81%)

Yellow (89%)

Blue (54%)

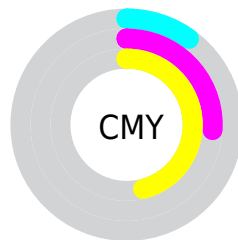


Cyan (0%)

Magenta (17%)

Yellow (39%)

Black (10%)



Cyan (10%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.815, 77.058 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 79, 31.815, 77.058 by changing the saturation by 10% instead.

79, 31.815, 77.058

79, 31.815, 77.058

100, 31.815,
77.058

69, 31.815, 77.058

99, 31.815, 77.058

59, 31.815, 77.058

49, 31.815, 77.058

39, 31.815, 77.058

29, 31.815, 77.058

19, 31.815, 77.058

9, 31.815, 77.058

0, 31.815, 77.058

79, 31.815, 77.058

79, 31.815, 77.058

76, 40.524, 75.665

82, 23.335, 78.427

73, 49.337, 74.215

85, 15.130, 79.756

71, 57.988, 72.667

88, 7.209, 81.035

68, 65.960, 70.915

91, 0.438, 263.144

66, 72.391, 68.750

94, 7.832, 263.616

64, 76.580, 65.977

97, 7.574, 224.356

64, 76.806, 65.821

98, 9.070, 198.905

Harmonies

Complementary

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



79, 31.815, 77.058



71, 29.770, 269.156

Rectangle

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



79, 31.815, 77.058



79, 31.815, 127.058



79, 31.815, 257.058



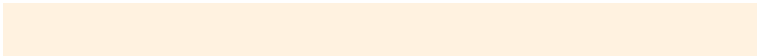
79, 31.815, 307.058

Sweetspot

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



79, 31.815, 77.064



96, 10.083, 80.704



68, 39.727, 351.675



51, 6.704, 80.537



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 31.815, 77.064



85, 42.007, 75.968



88, 45.804, 109.400



47, 4.360, 81.031



51, 63.772, 66.447



13, 21.121, 67.961

Inverse Universe

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



71, 29.770, 269.156



75, 38.796, 271.137



62, 50.681, 297.446



46, 4.306, 263.594



35, 62.742, 289.831



7, 22.148, 281.673

Previews

White Background



This preview shows how the CIELCh color 79, 31.815, 77.058 looks on a white background.

Color Contrast Check

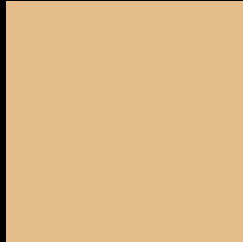
Large Text (above 18pt) WCAG AA × Fail

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 79, 31.815, 77.058 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 79, 31.815, 77.058

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.815, 77.058.



This preview shows how white text looks on a background with the CIELCh color 79, 31.815, 77.058.

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

79, 31.815, 77.058

Protanopia

79, 29.703, 95.592

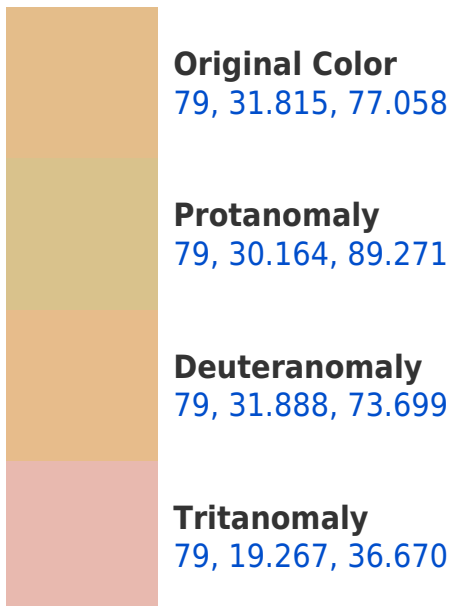
Deuteranopia

79, 32.250, 71.434

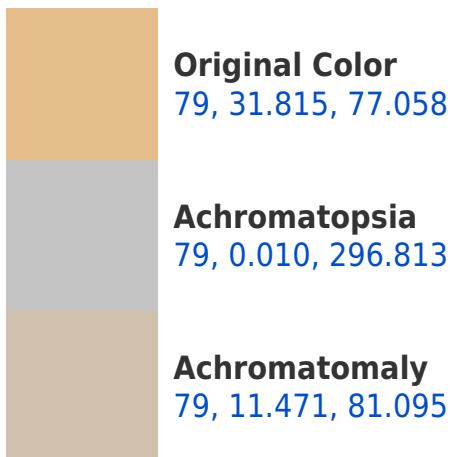


Tritanopia
79, 20.903, 0.453

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.815, 77.058 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(228, 189, 138)` looks like.

```
.text, #text, p{  
    color:rgb(228, 189, 138)  
}
```

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(228, 189, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 189, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.815, 77.058 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(228, 189, 138) }
```

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

```
.border{ border-color:rgb(228, 189, 138) }
```

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

Here you see how a box with a 4 pixel rgb(228, 189, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 189, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 189, 138);  
box-shadow:4px 4px 4px 4px rgb(228, 189,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.815, 77.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 189, 138) }
```

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

```
.background{ background-color: rgb(228,  
189, 138) }
```

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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