

Converting Colors

CIELCh(80, 26.903, 80.368)

Have a look what the booklet for
CIELCh(80, 26.903, 80.368) contains.

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Color

CIELCh(80, 27.117, 80.234)

Conversions

Conversions Part 1

Format	Color
Hex	E1C295
RGB	225, 194, 149
RGB Percent	88%, 76%, 58%
CMY	0.1182, 0.2397, 0.4161
CMYK	0.00, 0.14, 0.34, 0.12
HSL	36°, 56%, 73%
HSV	36°, 34%, 88%
XYZ	55.6905, 56.6813, 36.3894
YIQ	198.1390, 32.9210, -7.4230

Conversions

Conversions Part 2

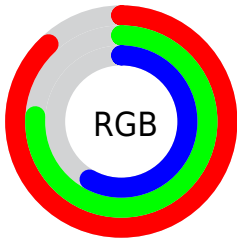
Format	Color
R _Y B	201, 225, 149
Decimal	14795413
CIE Lab	80.00, 4.60, 26.72
CIE LCh	80, 27.117, 80.234
Yxy	56.6813, 0.3744, 0.3810
Android (android.graphics.Color)	4292985493 (0xFFE1C295)
YUV	198.1390, -24.2255, 23.5571
Hunter-Lab	75.2870, 0.2859, 24.0435

Details

The CIELCh color $80, 27.117, 80.234$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $72, 25.984, 270.279$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 23.882, 103.823$, and $60, 27.249, 80.436$ is the 20% darker color. If you saturate the color by 10%, you get $77, 35.657, 78.847$, and if you desaturate by 10%, it is $83, 18.796, 81.596$.

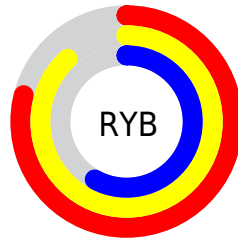
Distribution



Red (88%)

Green (76%)

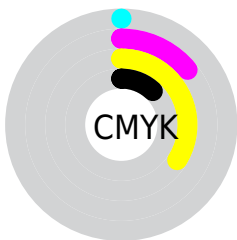
Blue (58%)



Red (79%)

Yellow (88%)

Blue (58%)

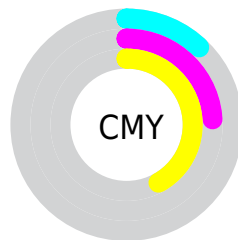


Cyan (0%)

Magenta (14%)

Yellow (34%)

Black (12%)



Cyan (12%)

Magenta (24%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 27.117, 80.234 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 80, 27.117, 80.234 by changing the saturation by 10% instead.

 80, 27.117, 80.234

 80, 27.117, 80.234

 100, 27.117,
80.234

 70, 27.117, 80.234

 60, 27.117, 80.234

 50, 27.117, 80.234

 40, 27.117, 80.234

 30, 27.117, 80.234

 20, 27.117, 80.234

 10, 27.117, 80.234

 0, 27.117, 80.234

 80, 27.117, 80.234

 80, 27.117, 80.234

77, 35.657, 78.847

83, 18.796, 81.596

75, 44.328, 77.409

86, 10.721, 82.908

72, 52.945, 75.902

88, 2.895, 84.113

70, 61.138, 74.261

91, 4.693, 265.535

68, 68.245, 72.352

94, 9.236, 257.778

65, 73.320, 69.939

96, 8.655, 220.193

64, 75.470, 68.196

98, 10.214,
198.825

Harmonies

Complementary

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



80, 27.117, 80.234



72, 25.984, 270.279

Rectangle

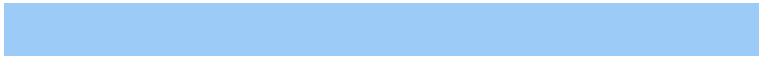
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 27.117, 80.234



80, 27.117, 130.234



80, 27.117, 260.234



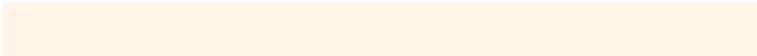
80, 27.117, 310.234

Sweetspot

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



80, 27.118, 80.240



97, 8.555, 83.380



70, 33.318, 351.956



51, 5.850, 83.202



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 27.118, 80.240



87, 36.840, 79.199



87, 39.023, 110.613



46, 4.375, 83.458



51, 62.754, 68.805



13, 20.018, 70.610

Inverse Universe

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



72, 25.984, 270.279



77, 34.966, 271.980



65, 42.409, 297.127



44, 4.335, 266.010



33, 64.989, 291.711



6, 21.889, 282.417

Previews

White Background



This preview shows how the CIELCh color 80, 27.117, 80.234 looks on a white background.

Color Contrast Check

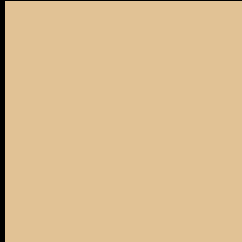
Large Text (above 18pt) WCAG AA × Fail

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 80, 27.117, 80.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

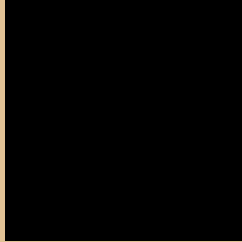
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 27.117, 80.234

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.117, 80.234.



This preview shows how white text looks on a background with the CIELCh color 80, 27.117, 80.234.

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

80, 27.117, 80.234

Protanopia

80, 25.471, 95.129

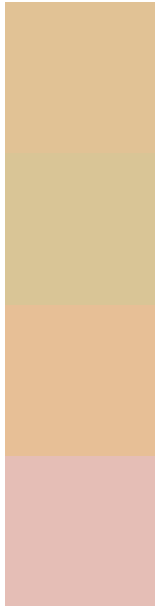
Deuteranopia

80, 28.121, 68.450



Tritanopia
80, 17.998, 356.622

Trichromacy



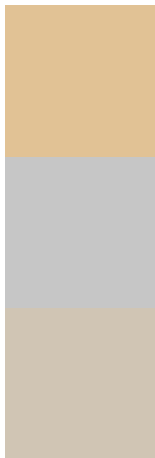
Original Color
80, 27.117, 80.234

Protanomaly
80, 26.172, 89.900

Deuteranomaly
80, 27.448, 71.664

Tritanomaly
80, 15.710, 36.070

Monochromacy



Original Color
80, 27.117, 80.234

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 9.943, 84.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.117, 80.234 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(225, 194, 149)` looks like.

```
.text, #text, p{  
    color:rgb(225, 194, 149)  
}
```

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(225, 194, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 194, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.117, 80.234 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(225, 194, 149) }
```

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

```
.border{ border-color:rgb(225, 194, 149) }
```

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

Here you see how a box with a 4 pixel rgb(225, 194, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 194, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 194, 149);  
box-shadow:4px 4px 4px 4px rgb(225, 194,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.117, 80.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 194, 149) }
```

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

```
.background{ background-color: rgb(225,  
194, 149) }
```

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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