

Converting Colors

CIELCh(80, 16.195, 53.368)

Have a look what the booklet for
CIELCh(80, 16.195, 53.368) contains.

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Color

CIELCh(80, 16.186, 51.699)

Conversions

Conversions Part 1

Format	Color
Hex	E2BFAF
RGB	226, 191, 175
RGB Percent	89%, 75%, 69%
CMY	0.1127, 0.2500, 0.3128
CMYK	0.00, 0.15, 0.23, 0.11
HSL	19°, 47%, 79%
HSV	19°, 23%, 89%
XYZ	57.8880, 56.6813, 48.5700
YIQ	199.6410, 25.9960, 2.4440

Conversions

Conversions Part 2

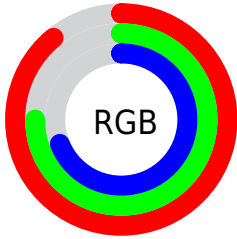
Format	Color
R _Y B	226, 198, 175
Decimal	14860207
CIE Lab	80.00, 10.03, 12.70
CIE LCh	80, 16.186, 51.699
Yxy	56.6813, 0.3548, 0.3474
Android (android.graphics.Color)	4293050287 (0xFFE2BFAF)
YUV	199.6410, -12.1480, 23.1168
Hunter-Lab	75.2870, 5.4960, 14.4510

Details

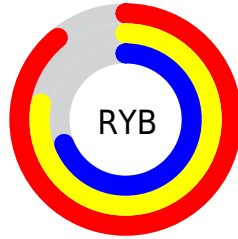
The CIELCh color **80, 16.186, 51.699** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82, 14.242, 235.466**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.625, 89.914**, and **60, 15.991, 52.042** is the 20% darker color. If you saturate the color by 10%, you get **76, 24.278, 51.149**, and if you desaturate by 10%, it is **84, 8.674, 52.326**.

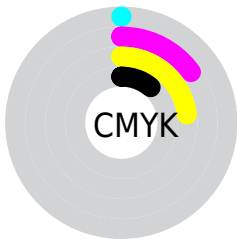
Distribution



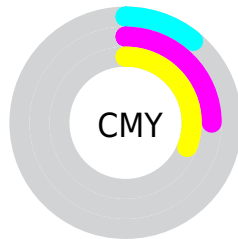
- Red (89%)
- Green (75%)
- Blue (69%)



- Red (89%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 16.186, 51.699 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, 16.186, 51.699 by changing the saturation by 10% instead.

 80, 16.186, 51.699

 80, 16.186, 51.699

 100, 16.186,
51.699

 70, 16.186, 51.699

 60, 16.186, 51.699

 50, 16.186, 51.699

 40, 16.186, 51.699

 30, 16.186, 51.699

 20, 16.186, 51.699

 10, 16.186, 51.699

 0, 16.186, 51.699

 80, 16.186, 51.699

 80, 16.186, 51.699

76, 24.278, 51.149

84, 8.674, 52.326

72, 32.985, 50.679

89, 1.694, 52.766

68, 42.305, 50.315

93, 4.808, 233.938

64, 52.166, 50.056

98, 9.219, 204.163

60, 62.353, 49.848

98, 9.760, 198.857

57, 72.346, 49.525

54, 81.044, 48.691

53, 86.153, 47.660

Harmonies

Complementary

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



80, 16.186, 51.699



82, 14.242, 235.466

Rectangle

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



80, 16.186, 51.699



80, 16.186, 101.699



80, 16.186, 231.699



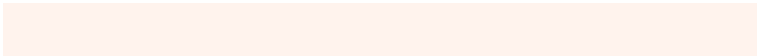
80, 16.186, 281.699

Sweetspot

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



80, 16.185, 51.709



97, 5.224, 52.654



77, 26.606, 335.878



51, 3.402, 52.620



0, 0.000, 0.000



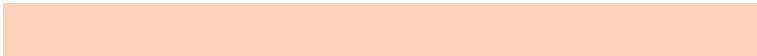
53, 0.007, 296.813

Same Dimension

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



80, 16.185, 51.709



87, 21.739, 51.440



86, 21.614, 97.782



45, 3.855, 52.516



41, 70.954, 48.229



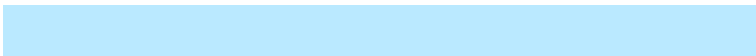
9, 20.826, 40.966

Inverse Universe

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



82, 14.242, 235.466



90, 18.566, 236.063



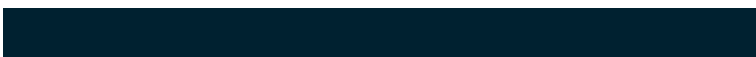
76, 22.166, 283.417



45, 3.670, 234.125



48, 37.845, 258.448



11, 14.426, 248.671

Previews

White Background



This preview shows how the CIELCh color 80, 16.186, 51.699 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, 16.186, 51.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

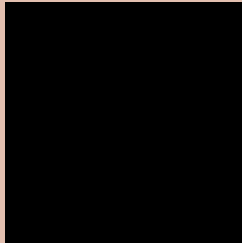
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 16.186, 51.699

Background



This preview shows how black text looks on a background with the CIELCh color 80, 16.186, 51.699.

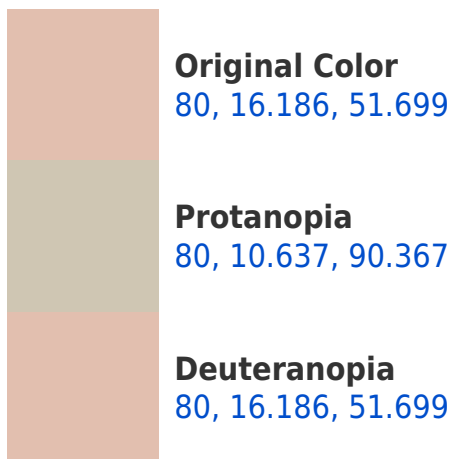


This preview shows how white text looks on a background with the CIELCh color 80, 16.186, 51.699.

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](#).

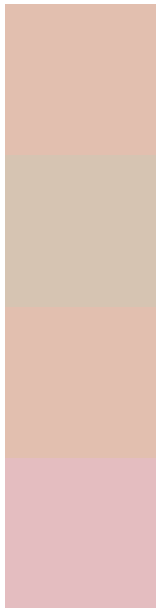
Dichromacy





Tritanopia
80, 17.521, 353.916

Trichromacy



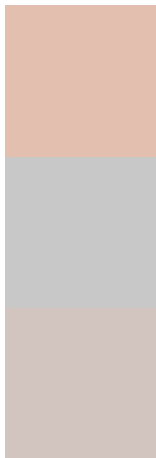
Original Color
80, 16.186, 51.699

Protanomaly
80, 11.815, 73.326

Deuteranomaly
80, 16.186, 51.699

Tritanomaly
80, 14.864, 14.480

Monochromacy



Original Color
80, 16.186, 51.699

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 5.809, 52.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 16.186, 51.699 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(226, 191, 175)` looks like.

```
.text, #text, p{  
    color:rgb(226, 191, 175)  
}
```

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(226, 191, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 16.186, 51.699 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(226, 191, 175) }
```

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

```
.border{ border-color:rgb(226, 191, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 191, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 191, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 191, 175); box-shadow:4px 4px 4px 4px rgb(226, 191, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 16.186, 51.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 175) }
```

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

```
.background{ background-color: rgb(226,  
191, 175) }
```

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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