

Converting Colors

CIELCh(80, 17.158, 53.859)

Have a look what the booklet for
CIELCh(80, 17.158, 53.859) contains.

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Color

CIELCh(80, 17.158, 53.859)

Conversions

Conversions Part 1

Format	Color
Hex	E3BFAD
RGB	227, 191, 173
RGB Percent	89%, 75%, 68%
CMY	0.1093, 0.2505, 0.3211
CMYK	0.00, 0.16, 0.24, 0.11
HSL	20°, 49%, 78%
HSV	20°, 24%, 89%
XYZ	57.9238, 56.6813, 47.4779
YIQ	199.7120, 27.2340, 2.0340

Conversions

Conversions Part 2

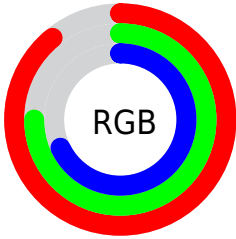
Format	Color
R _Y B	227, 200, 173
Decimal	14925741
CIE Lab	80.00, 10.12, 13.86
CIE LCh	80, 17.158, 53.859
Yxy	56.6813, 0.3574, 0.3497
Android (android.graphics.Color)	4293115821 (0xFFE3BFAD)
YUV	199.7120, -13.1690, 23.9316
Hunter-Lab	75.2870, 5.5809, 15.3111

Details

The CIELCh color **80, 17.158, 53.859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82, 15.073, 238.257**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 10.082, 92.646**, and **60, 17.044, 54.275** is the 20% darker color. If you saturate the color by 10%, you get **76, 25.300, 53.214**, and if you desaturate by 10%, it is **84, 9.584, 54.574**.

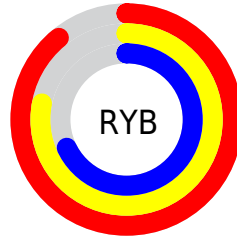
Distribution



Red (89%)

Green (75%)

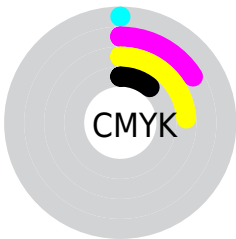
Blue (68%)



Red (89%)

Yellow (78%)

Blue (68%)

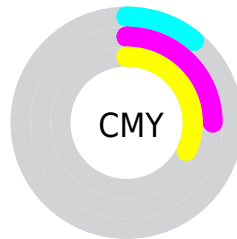


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (11%)



Cyan (11%)

Magenta (25%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 17.158, 53.859 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, 17.158, 53.859 by changing the saturation by 10% instead.


 80, 17.158, 53.859


 80, 17.158, 53.859


 100, 17.158,
53.859


 70, 17.158, 53.859


 60, 17.158, 53.859

 50, 17.158, 53.859

 40, 17.158, 53.859

 30, 17.158, 53.859

 20, 17.158, 53.859

 10, 17.158, 53.859

 0, 17.158, 53.859

 80, 17.158, 53.859

 80, 17.158, 53.859

76, 25.300, 53.214

84, 9.584, 54.574

72, 34.040, 52.639

89, 2.534, 55.196

68, 43.371, 52.156

93, 4.046, 236.347

64, 53.205, 51.754

97, 8.478, 210.566

61, 63.298, 51.367

98, 9.475, 198.877

58, 73.072, 50.808

55, 81.351, 49.657

53, 85.481, 48.659

Harmonies

Complementary

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



80, 17.158, 53.859



82, 15.073, 238.257

Rectangle

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



80, 17.158, 53.859



80, 17.158, 103.859



80, 17.158, 233.859



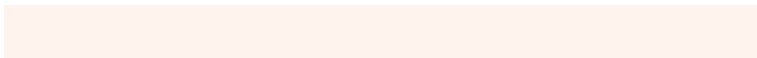
80, 17.158, 283.859

Sweetspot

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



80, 17.157, 53.869



97, 5.219, 55.037



77, 27.515, 337.420



51, 3.399, 54.999



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, 17.157, 53.869



86, 23.452, 53.506



87, 23.638, 99.646



46, 3.922, 54.878



42, 70.979, 49.222



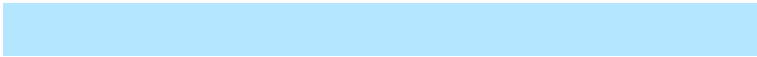
10, 21.892, 43.570

Inverse Universe

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



82, 15.073, 238.257



89, 19.921, 239.034



75, 24.429, 285.467



46, 3.743, 236.637



48, 39.593, 261.944



12, 15.288, 252.556

Previews

White Background



This preview shows how the CIELCh color 80, 17.158, 53.859 looks on a white background.

Color Contrast Check

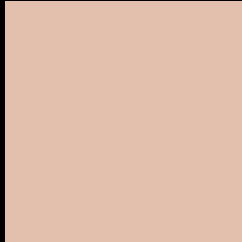
Large Text (above 18pt) WCAG AA × Fail

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, 17.158, 53.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

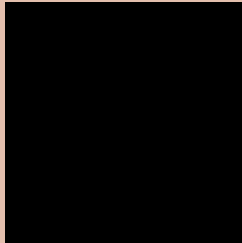
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 17.158, 53.859

Background



This preview shows how black text looks on a background with the CIELCh color 80, 17.158, 53.859.

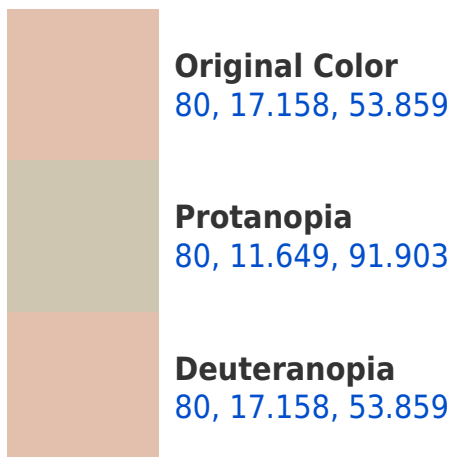


This preview shows how white text looks on a background with the CIELCh color 80, 17.158, 53.859.

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](#).

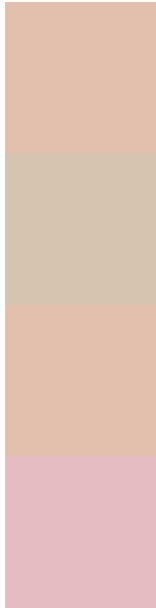
Dichromacy





Tritanopia
80, 17.654, 356.074

Trichromacy



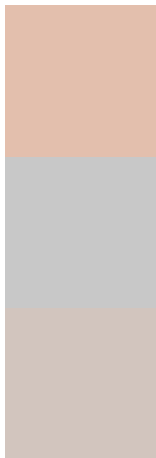
Original Color
80, 17.158, 53.859

Protanomaly
80, 12.498, 73.211

Deuteranomaly
80, 17.158, 53.859

Tritanomaly
80, 15.653, 14.862

Monochromacy



Original Color
80, 17.158, 53.859

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 6.122, 56.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 17.158, 53.859 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(227, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(227, 191, 173)  
}
```

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(227, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 191, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 17.158, 53.859 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(227, 191, 173) }
```

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

```
.border{ border-color:rgb(227, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(227, 191,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 17.158, 53.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 191, 173) }
```

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

```
.background{ background-color: rgb(227,  
191, 173) }
```

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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