

Converting Colors

CIELCh(80, 13.792, 22.651)

Have a look what the booklet for
CIELCh(80, 13.792, 22.651) contains.

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Color

CIELCh(80, 13.727, 22.664)

Conversions

Conversions Part 1

Format	Color
Hex	E2BEBD
RGB	226, 190, 189
RGB Percent	89%, 75%, 74%
CMY	0.1137, 0.2548, 0.2587
CMYK	0.00, 0.16, 0.16, 0.11
HSL	2°, 39%, 81%
HSV	2°, 16%, 89%
XYZ	58.9744, 56.6813, 55.9866
YIQ	200.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

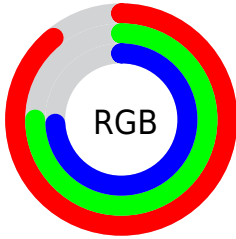
Format	Color
R _Y B	226, 190, 189
Decimal	14859965
CIE Lab	80.00, 12.67, 5.29
CIE LCh	80, 13.727, 22.664
Yxy	56.6813, 0.3436, 0.3302
Android (android.graphics.Color)	4293050045 (0xFFE2BEBD)
YUV	200.6500, -5.7434, 22.2320
Hunter-Lab	75.2870, 8.0719, 8.6103

Details

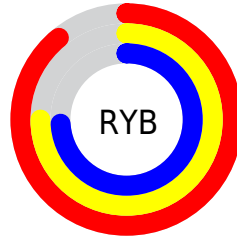
The CIELCh color **80, 13.727, 22.664** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 12.323, 201.062**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 3.225, 28.493**, and **60, 13.447, 23.119** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.007, 23.552**, and if you desaturate by 10%, it is **86, 5.130, 21.948**.

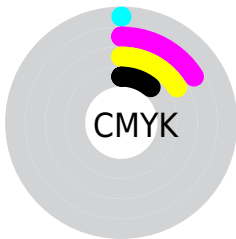
Distribution



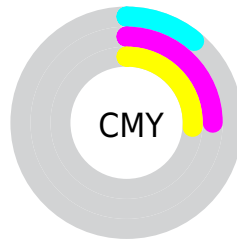
- Red (89%)
- Green (75%)
- Blue (74%)



- Red (89%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 13.727, 22.664 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, 13.727, 22.664 by changing the saturation by 10% instead.

80, 13.727, 22.664

80, 13.727, 22.664

100, 13.727,
22.664

70, 13.727, 22.664

60, 13.727, 22.664

50, 13.727, 22.664

40, 13.727, 22.664

30, 13.727, 22.664

20, 13.727, 22.664

10, 13.727, 22.664

0, 13.727, 22.664

80, 13.727, 22.664

80, 13.727, 22.664

74, 23.007, 23.552

86, 5.130, 21.948

69, 32.962, 24.699

92, 2.807, 201.788

63, 43.510, 26.208

98, 9.837, 198.852

59, 54.477, 28.178

54, 65.580, 30.689

51, 76.389, 33.714

49, 86.143, 36.928

48, 93.194, 39.410

47, 95.117, 40.222

Harmonies

Complementary

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



80, 13.727, 22.664



87, 12.323, 201.062

Rectangle

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



80, 13.727, 22.664



80, 13.727, 72.664



80, 13.727, 202.664



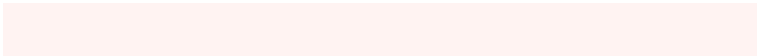
80, 13.727, 252.664

Sweetspot

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



80, 13.725, 22.673



97, 4.417, 21.841



81, 23.453, 325.781



51, 3.022, 21.899



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, 13.725, 22.673



87, 18.773, 22.978



84, 12.132, 75.129



44, 4.603, 22.168



37, 78.738, 40.267



6, 25.065, 22.283

Inverse Universe

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



87, 12.323, 201.062



96, 16.408, 200.908



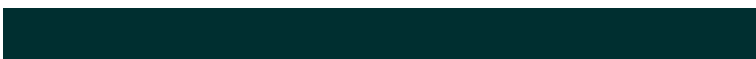
82, 11.682, 259.530



46, 4.333, 201.384



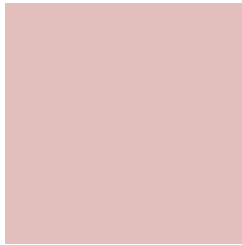
64, 36.540, 200.717



17, 15.098, 199.988

Previews

White Background



This preview shows how the CIELCh color 80, 13.727, 22.664 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, 13.727, 22.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

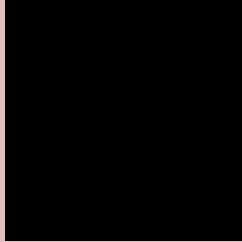
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 13.727, 22.664

Background



This preview shows how black text looks on a background with the CIELCh color 80, 13.727, 22.664.

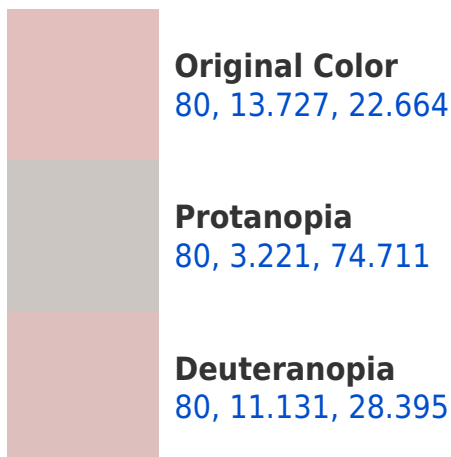



This preview shows how white text looks on a background with the CIELCh color 80, 13.727, 22.664.

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](#).

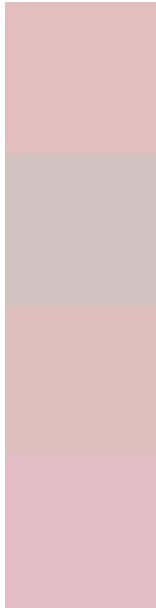
Dichromacy





Tritanopia
80, 16.840, 352.660

Trichromacy



Original Color
80, 13.727, 22.664

Protanomaly
80, 6.196, 34.628

Deuteranomaly
80, 12.218, 25.278

Tritanomaly
80, 15.003, 2.138

Monochromacy



Original Color
80, 13.727, 22.664

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.821, 19.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 13.727, 22.664 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, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(226, 190, 189)  
}
```

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, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 190, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 13.727, 22.664 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, 190, 189) }
```

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

```
.border{ border-color:rgb(226, 190, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 190, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 190, 189); box-shadow:4px 4px 4px 4px rgb(226, 190, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 13.727, 22.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 190, 189) }
```

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

```
.background{ background-color: rgb(226,  
190, 189) }
```

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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