

Converting Colors

CIELCh(80, 15.274, 42.863)

Have a look what the booklet for
CIELCh(80, 15.274, 42.863) contains.

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Color

CIELCh(80, 15.181, 42.828)

Conversions

Conversions Part 1

Format	Color
Hex	E3BFB4
RGB	227, 191, 180
RGB Percent	89%, 75%, 71%
CMY	0.1111, 0.2522, 0.2954
CMYK	0.00, 0.16, 0.21, 0.11
HSL	14°, 45%, 80%
HSV	14°, 21%, 89%
XYZ	58.3406, 56.6813, 50.8770
YIQ	200.5100, 24.9870, 4.2110

Conversions

Conversions Part 2

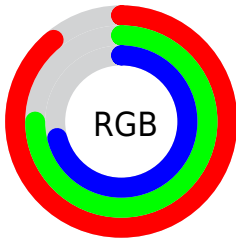
Format	Color
R _Y B	227, 194, 180
Decimal	14925748
CIE Lab	80.00, 11.13, 10.32
CIE LCh	80, 15.181, 42.828
Yxy	56.6813, 0.3517, 0.3417
Android (android.graphics.Color)	4293115828 (0xFFE3BFB4)
YUV	200.5100, -10.1114, 23.2317
Hunter-Lab	75.2870, 6.5691, 12.6342

Details

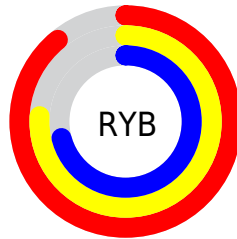
The CIELCh color **80, 15.181, 42.828** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 13.285, 224.687**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 6.273, 82.451**, and **60, 15.158, 44.474** is the 20% darker color. If you saturate the color by 10%, you get **75, 23.455, 42.708**, and if you desaturate by 10%, it is **85, 7.542, 43.058**.

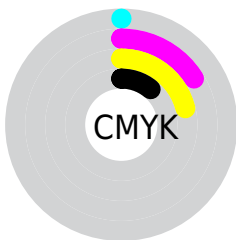
Distribution



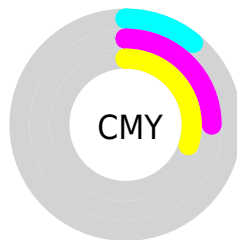
- Red (89%)
- Green (75%)
- Blue (71%)



- Red (89%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 15.181, 42.828 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, 15.181, 42.828 by changing the saturation by 10% instead.

80, 15.181, 42.828

80, 15.181, 42.828

100, 15.181,
42.828

70, 15.181, 42.828

60, 15.181, 42.828

50, 15.181, 42.828

40, 15.181, 42.828

30, 15.181, 42.828

20, 15.181, 42.828

10, 15.181, 42.828

0, 15.181, 42.828

80, 15.181, 42.828

80, 15.181, 42.828

75, 23.455, 42.708

85, 7.542, 43.058

71, 32.401, 42.718

90, 0.489, 42.282

66, 42.020, 42.903

95, 6.039, 223.986

62, 52.247, 43.280

98, 9.624, 198.866

59, 62.892, 43.828

55, 73.500, 44.415

53, 83.050, 44.663

50, 89.835, 44.289

Harmonies

Complementary

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



80, 15.181, 42.828



84, 13.285, 224.687

Rectangle

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



80, 15.181, 42.828



80, 15.181, 92.828



80, 15.181, 222.828



80, 15.181, 272.828

Sweetspot

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



80, 15.180, 42.838



97, 4.554, 43.147



78, 25.651, 333.072



51, 3.029, 43.139



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, 15.180, 42.838



87, 20.517, 42.766



86, 18.623, 93.557



45, 3.939, 43.087



39, 73.902, 44.748



8, 21.863, 34.520

Inverse Universe

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



84, 13.285, 224.687



92, 17.389, 225.034



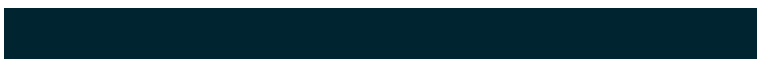
78, 18.821, 278.963



46, 3.722, 224.023



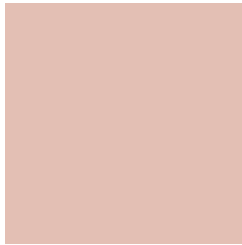
52, 34.055, 242.747



13, 13.634, 234.553

Previews

White Background



This preview shows how the CIELCh color 80, 15.181, 42.828 looks on a white background.

Color Contrast Check

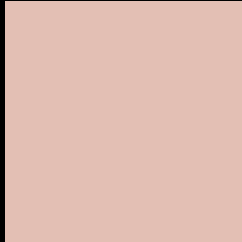
Large Text (above 18pt) WCAG AA × Fail

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, 15.181, 42.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

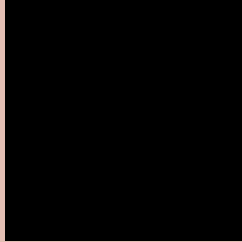
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 15.181, 42.828

Background



This preview shows how black text looks on a background with the CIELCh color 80, 15.181, 42.828.



This preview shows how white text looks on a background with the CIELCh color 80, 15.181, 42.828.

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, 15.181, 42.828

Protanopia

80, 8.502, 88.526

Deuteranopia

80, 14.449, 43.990



Tritanopia
80, 17.521, 353.916

Trichromacy



Original Color
80, 15.181, 42.828

Protanomaly
80, 10.031, 63.062

Deuteranomaly
80, 14.814, 43.394

Tritanomaly
80, 15.422, 8.802

Monochromacy



Original Color
80, 15.181, 42.828

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 5.289, 43.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 15.181, 42.828 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(227, 191, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 191, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 15.181, 42.828 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, 180) }
```

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

```
.border{ border-color:rgb(227, 191, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(227, 191,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 15.181, 42.828 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, 180) }
```

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

```
.background{ background-color: rgb(227,  
191, 180) }
```

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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