

Converting Colors

CIELCh(80, 14.050, 69.052)

Have a look what the booklet for
CIELCh(80, 14.050, 69.052) contains.

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Color

CIELCh(80, 14.188, 67.983)

Conversions

Conversions Part 1

Format	Color
Hex	DAC2AE
RGB	218, 194, 174
RGB Percent	85%, 76%, 68%
CMY	0.1442, 0.2384, 0.3168
CMYK	0.00, 0.11, 0.20, 0.14
HSL	27°, 37%, 77%
HSV	27°, 20%, 86%
XYZ	55.9781, 56.6813, 48.1412
YIQ	198.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

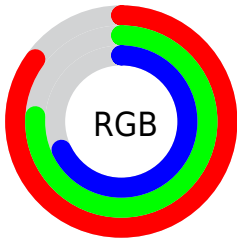
Format	Color
RYB	218, 211, 174
Decimal	14336686
CIELab	80.00, 5.32, 13.15
CIElCh	80, 14.188, 67.983
Yxy	56.6813, 0.3481, 0.3525
Android (android.graphics.Color)	4292526766 (0xFFDAC2AE)
YUV	198.8960, -12.2737, 16.7542
Hunter-Lab	75.2870, 0.9679, 14.7888

Details

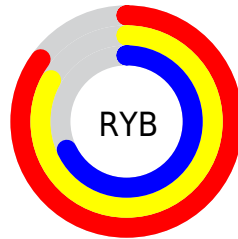
The CIELCh color **80, 14.188, 67.983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 13.246, 253.142**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.807, 99.685**, and **60, 14.055, 65.761** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.822, 66.847**, and if you desaturate by 10%, it is **84, 6.960, 69.121**.

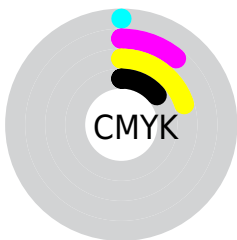
Distribution



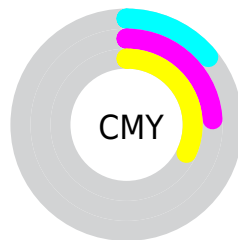
- Red (85%)
- Green (76%)
- Blue (68%)



- Red (85%)
- Yellow (83%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 14.188, 67.983 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, 14.188, 67.983 by changing the saturation by 10% instead.

80, 14.188, 67.983

80, 14.188, 67.983

100, 14.188,
67.983

70, 14.188, 67.983

60, 14.188, 67.983

50, 14.188, 67.983

40, 14.188, 67.983

30, 14.188, 67.983

20, 14.188, 67.983

10, 14.188, 67.983

0, 14.188, 67.983

80, 14.188, 67.983

80, 14.188, 67.983

77, 21.822, 66.847

84, 6.960, 69.121

73, 29.879, 65.704

87, 0.105, 66.224

70, 38.346, 64.569

91, 6.414, 251.530

67, 47.147, 63.427

94, 10.305,
240.355

64, 56.079, 62.229

97, 11.949,
201.855

61, 64.690, 60.843

58, 72.122, 58.998

98, 12.378,
198.679

56, 77.578, 56.562

Harmonies

Complementary

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



80, 14.188, 67.983



79, 13.246, 253.142

Rectangle

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



80, 14.188, 67.983



80, 14.188, 117.983



80, 14.188, 247.983



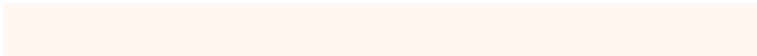
80, 14.188, 297.983

Sweetspot

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



80, 14.188, 67.994



98, 4.607, 69.552



76, 20.841, 342.722



52, 3.062, 69.486



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, 14.188, 67.994



90, 19.374, 67.531



86, 21.787, 106.066



44, 3.894, 69.200



45, 65.079, 57.199



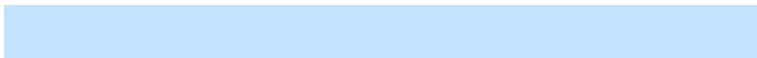
10, 18.420, 54.572

Inverse Universe

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



79, 13.246, 253.142



89, 17.808, 253.823



73, 22.718, 290.466



44, 3.783, 251.585



40, 49.119, 279.000



8, 16.849, 268.694

Previews

White Background



This preview shows how the CIELCh color 80, 14.188, 67.983 looks on a white background.

Color Contrast Check

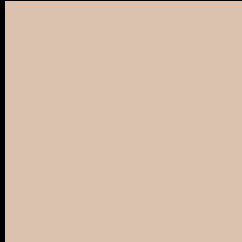
Large Text (above 18pt) WCAG AA × Fail

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, 14.188, 67.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

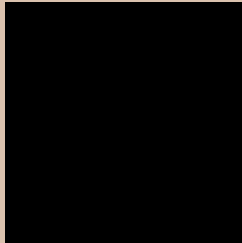
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 14.188, 67.983

Background



This preview shows how black text looks on a background with the CIELCh color 80, 14.188, 67.983.



This preview shows how white text looks on a background with the CIELCh color 80, 14.188, 67.983.

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, 14.188, 67.983

Protanopia

80, 12.159, 92.568

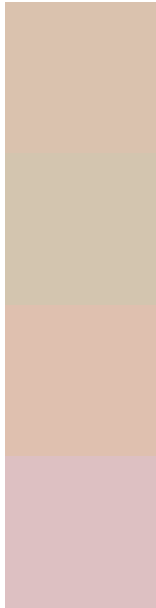
Deuteranopia

80, 16.186, 51.699



Tritanopia
80, 14.252, 346.614

Trichromacy



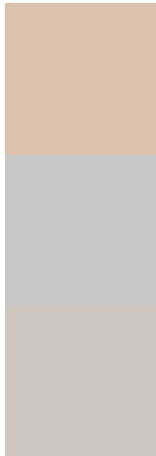
Original Color
80, 14.188, 67.983

Protanomaly
80, 12.863, 84.221

Deuteranomaly
80, 15.160, 56.420

Tritanomaly
80, 10.959, 14.707

Monochromacy



Original Color
80, 14.188, 67.983

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 4.999, 67.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 14.188, 67.983 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(218, 194, 174)` looks like.

```
.text, #text, p{  
    color:rgb(218, 194, 174)  
}
```

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(218, 194, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 194, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 14.188, 67.983 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(218, 194, 174) }
```

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

```
.border{ border-color:rgb(218, 194, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 194, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 194, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 194, 174);  
box-shadow:4px 4px 4px 4px rgb(218, 194,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 14.188, 67.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 194, 174) }
```

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

```
.background{ background-color: rgb(218,  
194, 174) }
```

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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