

Converting Colors

CIELCh(80, 14.148, 79.558)

Have a look what the booklet for
CIELCh(80, 14.148, 79.558) contains.

CIELCh(80, 14.085, 79.249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(80, 14.085, 79.249)

Conversions

Conversions Part 1

Format	Color
Hex	D6C4AD
RGB	214, 196, 173
RGB Percent	84%, 77%, 68%
CMY	0.1615, 0.2320, 0.3222
CMYK	0.00, 0.08, 0.19, 0.16
HSL	34°, 33%, 76%
HSV	34°, 19%, 84%
XYZ	54.9066, 56.6813, 47.4953
YIQ	198.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

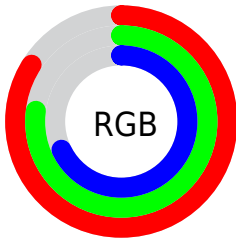
Format	Color
R _Y B	205, 214, 173
Decimal	14075053
CIE Lab	80.00, 2.63, 13.84
CIE LCh	80, 14.085, 79.249
Yxy	56.6813, 0.3451, 0.3563
Android (android.graphics.Color)	4292265133 (0xFFD6C4AD)
YUV	198.7600, -12.6997, 13.3655
Hunter-Lab	75.2870, -1.5725, 15.2974

Details

The CIELCh color $80, 14.085, 79.249$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 13.648, 264.535$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 12.685, 105.928$, and $60, 13.824, 77.877$ is the 20% darker color. If you saturate the color by 10%, you get $77, 21.833, 77.940$, and if you desaturate by 10%, it is $83, 6.613, 80.528$.

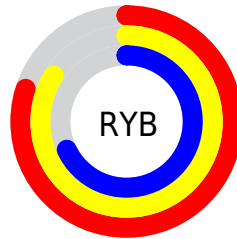
Distribution



Red (84%)

Green (77%)

Blue (68%)



Red (80%)

Yellow (84%)

Blue (68%)

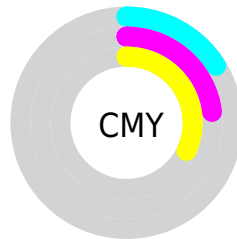


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (16%)



Cyan (16%)

Magenta (23%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 14.085, 79.249 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, 14.085, 79.249 by changing the saturation by 10% instead.

80, 14.085, 79.249

80, 14.085, 79.249

100, 14.085,
79.249

70, 14.085, 79.249

60, 14.085, 79.249

50, 14.085, 79.249

40, 14.085, 79.249

30, 14.085, 79.249

20, 14.085, 79.249

10, 14.085, 79.249

0, 14.085, 79.249

80, 14.085, 79.249

80, 14.085, 79.249

77, 21.833, 77.940

83, 6.613, 80.528

74, 29.849, 76.588

86, 0.597, 262.400

72, 38.093, 75.203

89, 7.563, 263.097

69, 46.456, 73.769

92, 12.810,
260.425

67, 54.698, 72.242

94, 11.404,
232.605

64, 62.351, 70.520

62, 68.623, 68.399

96, 12.873,
205.219

60, 72.842, 65.691

97, 13.788,
198.586

60, 73.180, 65.473

Harmonies

Complementary

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



80, 14.085, 79.249



77, 13.648, 264.535

Rectangle

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



80, 14.085, 79.249



80, 14.085, 129.249



80, 14.085, 259.249



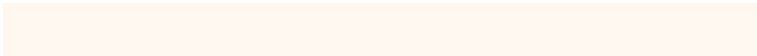
80, 14.085, 309.249

Sweetspot

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



80, 14.086, 79.259



98, 4.960, 80.897



75, 18.272, 348.183



52, 3.295, 80.821



0, 0.000, 0.000



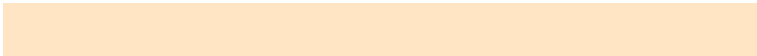
53, 0.007, 296.813

Same Dimension

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



80, 14.086, 79.259



92, 19.642, 78.728



84, 21.414, 110.443



44, 4.100, 80.497



48, 61.801, 66.076



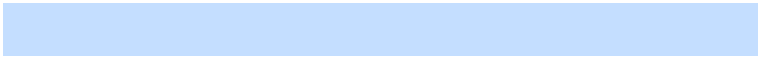
10, 17.198, 66.585

Inverse Universe

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



77, 13.648, 264.535



88, 18.887, 265.238



72, 22.380, 294.106



43, 4.047, 263.041



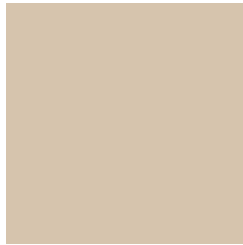
34, 59.901, 289.242



6, 18.713, 278.061

Previews

White Background



This preview shows how the CIELCh color 80, 14.085, 79.249 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, 14.085, 79.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

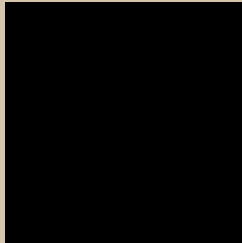
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 14.085, 79.249

Background



This preview shows how black text looks on a background with the CIELCh color 80, 14.085, 79.249.

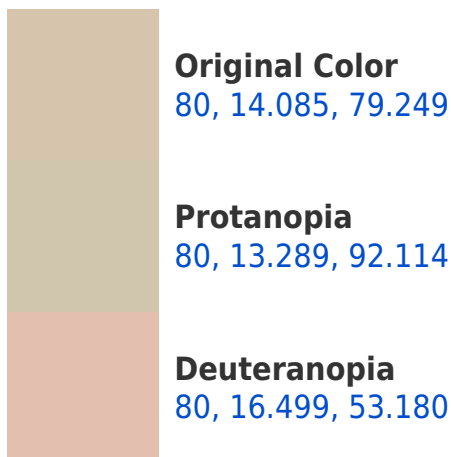


This preview shows how white text looks on a background with the CIELCh color 80, 14.085, 79.249.

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, 12.751, 341.737

Trichromacy



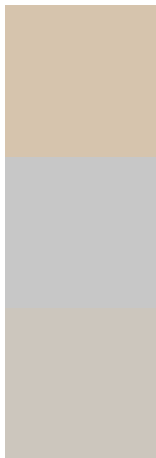
Original Color
80, 14.085, 79.249

Protanomaly
80, 13.195, 86.644

Deuteranomaly
80, 15.231, 61.204

Tritanomaly
80, 8.637, 16.520

Monochromacy



Original Color
80, 14.085, 79.249

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.260, 84.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 14.085, 79.249 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(214, 196, 173)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 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(214, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 14.085, 79.249 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(214, 196, 173) }
```

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

```
.border{ border-color:rgb(214, 196, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 14.085, 79.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 173) }
```

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

```
.background{ background-color: rgb(214,  
196, 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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