

Converting Colors

CIELCh(80, 22.718, 89.553)

Have a look what the booklet for
CIELCh(80, 22.718, 89.553) contains.

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Color

CIELCh(80, 22.893, 89.848)

Conversions

Conversions Part 1

Format	Color
Hex	D7C59C
RGB	215, 197, 156
RGB Percent	84%, 77%, 61%
CMY	0.1575, 0.2280, 0.3888
CMYK	0.00, 0.08, 0.27, 0.16
HSL	42°, 42%, 73%
HSV	42°, 27%, 84%
XYZ	53.8976, 56.6813, 39.4867
YIQ	197.7080, 23.8890, -8.9350

Conversions

Conversions Part 2

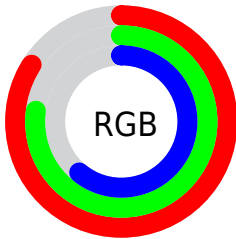
Format	Color
R _{YB}	182, 215, 156
Decimal	14140828
CIE Lab	80.00, 0.06, 22.89
CIE LCh	80, 22.893, 89.848
Yxy	56.6813, 0.3592, 0.3777
Android (android.graphics.Color)	4292330908 (0xFFD7C59C)
YUV	197.7080, -20.5620, 15.1651
Hunter-Lab	75.2870, -3.9649, 21.6043

Details

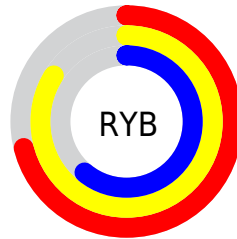
The CIELCh color $80, 22.893, 89.848$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $71, 22.966, 277.419$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 21.740, 107.545$, and $60, 22.573, 88.709$ is the 20% darker color. If you saturate the color by 10%, you get $78, 31.454, 88.521$, and if you desaturate by 10%, it is $82, 14.432, 91.146$.

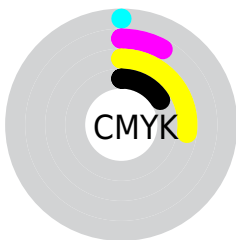
Distribution



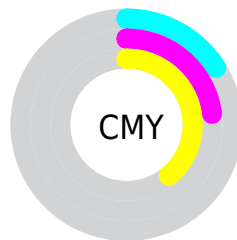
- Red (84%)
- Green (77%)
- Blue (61%)



- Red (71%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 22.893, 89.848 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, 22.893, 89.848 by changing the saturation by 10% instead.

80, 22.893, 89.848

80, 22.893, 89.848

100, 22.893,
89.848

70, 22.893, 89.848

60, 22.893, 89.848

50, 22.893, 89.848

40, 22.893, 89.848

30, 22.893, 89.848

20, 22.893, 89.848

10, 22.893, 89.848

0, 22.893, 89.848

80, 22.893, 89.848

80, 22.893, 89.848

78, 31.454, 88.521

82, 14.432, 91.146

76, 40.032, 87.147

84, 6.104, 92.380

74, 48.471, 85.729

86, 2.075, 273.742

72, 56.483, 84.243

89, 10.106,
274.814

70, 63.574, 82.637

91, 13.947,
270.509

69, 69.005, 80.807

67, 72.082, 78.608

92, 11.912,
254.154

67, 72.701, 78.029

94, 11.132,
233.676

96, 11.830,
213.193

97, 13.462,
198.607

Harmonies

Complementary

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



80, 22.893, 89.848



71, 22.966, 277.419

Rectangle

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



80, 22.893, 89.848



80, 22.893, 139.848



80, 22.893, 269.848



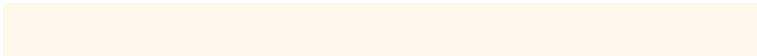
80, 22.893, 319.848

Sweetspot

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



80, 22.894, 89.854



98, 7.531, 92.306



70, 24.764, 357.764



52, 5.361, 92.124



0, 0.000, 0.000



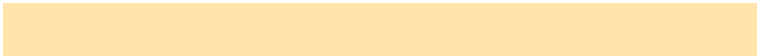
53, 0.007, 296.813

Same Dimension

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



80, 22.894, 89.854



92, 31.759, 89.077



84, 30.960, 115.413



44, 4.644, 92.145



54, 61.331, 78.478



12, 18.548, 81.584

Inverse Universe

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



71, 22.966, 277.419



79, 31.905, 278.539



67, 32.925, 299.666



42, 4.657, 274.566



28, 75.242, 297.904



4, 21.790, 285.487

Previews

White Background



This preview shows how the CIELCh color 80, 22.893, 89.848 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, 22.893, 89.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

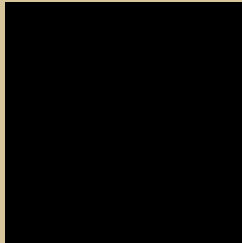
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

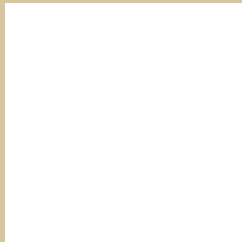
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 22.893, 89.848

Background



This preview shows how black text looks on a background with the CIELCh color 80, 22.893, 89.848.



This preview shows how white text looks on a background with the CIELCh color 80, 22.893, 89.848.

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](#).

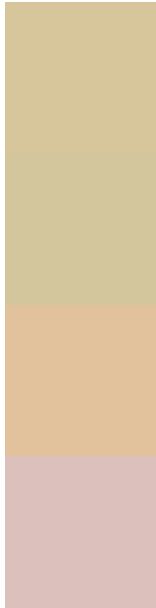
Dichromacy





Tritanopia
80, 13.947, 345.718

Trichromacy



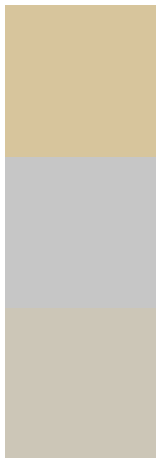
Original Color
80, 22.893, 89.848

Protanomaly
80, 22.913, 94.026

Deuteranomaly
80, 23.416, 73.842

Tritanomaly
80, 10.621, 34.542

Monochromacy



Original Color
80, 22.893, 89.848

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 8.263, 93.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 22.893, 89.848 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(215, 197, 156)` looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 156)  
}
```

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(215, 197, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 22.893, 89.848 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(215, 197, 156) }
```

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

```
.border{ border-color:rgb(215, 197, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 197, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 197, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 197, 156); box-shadow:4px 4px 4px 4px rgb(215, 197, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 22.893, 89.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 156) }
```

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

```
.background{ background-color: rgb(215,  
197, 156) }
```

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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