

Converting Colors

CIELCh(80, 22.667, 95.808)

Have a look what the booklet for
CIELCh(80, 22.667, 95.808) contains.

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Color

CIELCh(80, 22.725, 95.991)

Conversions

Conversions Part 1

Format	Color
Hex	D2C69C
RGB	210, 198, 156
RGB Percent	82%, 78%, 61%
CMY	0.1753, 0.2223, 0.3871
CMYK	0.00, 0.06, 0.26, 0.18
HSL	47°, 38%, 72%
HSV	47°, 26%, 82%
XYZ	52.9528, 56.6813, 39.7298
YIQ	196.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

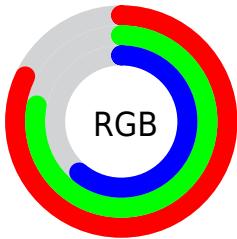
Format	Color
RYB	171, 210, 156
Decimal	13813404
CIELab	80.00, -2.37, 22.60
CIElCh	80, 22.725, 95.991
Yxy	56.6813, 0.3545, 0.3795
Android (android.graphics.Color)	4292003484 (0xFFD2C69C)
YUV	196.8000, -20.1144, 11.5764
Hunter-Lab	75.2870, -6.2051, 21.4129

Details

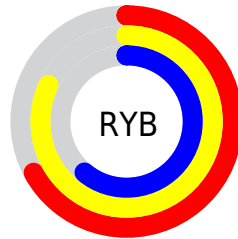
The CIELCh color **80, 22.725, 95.991** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 23.282, 282.600**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **60, 22.342, 95.418** is the 20% darker color. If you saturate the color by 10%, you get **78, 31.642, 94.759**, and if you desaturate by 10%, it is **82, 13.821, 97.202**.

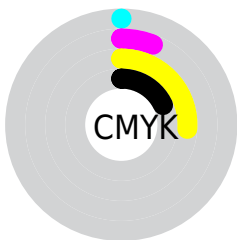
Distribution



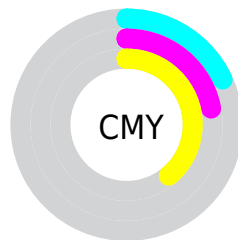
- Red (82%)
- Green (78%)
- Blue (61%)



- Red (67%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 22.725, 95.991 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, 22.725, 95.991 by changing the saturation by 10% instead.

■ 80, 22.725, 95.991

■ 80, 22.725, 95.991

■ 100, 22.725,
95.991

■ 70, 22.725, 95.991

■ 60, 22.725, 95.991

■ 50, 22.725, 95.991

■ 40, 22.725, 95.991

■ 30, 22.725, 95.991

■ 20, 22.725, 95.991

■ 10, 22.725, 95.991

■ 0, 22.725, 95.991

■ 80, 22.725, 95.991

■ 80, 22.725, 95.991

78, 31.642, 94.759

82, 13.821, 97.202

77, 40.473, 93.495

83, 4.979, 98.354

75, 49.049, 92.209

85, 3.775, 279.569

74, 57.075, 90.898

87, 12.430,
280.625

73, 64.079, 89.542

88, 17.703,
279.312

71, 69.393, 88.097

70, 72.348, 86.483

90, 15.696,
271.556

70, 73.154, 85.751

91, 14.050,
261.838

92, 12.896,
250.059

93, 12.363,
236.726

Harmonies

Complementary

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



80, 22.725, 95.991



69, 23.282, 282.600

Rectangle

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



80, 22.725, 95.991



80, 22.725, 145.991



80, 22.725, 275.991



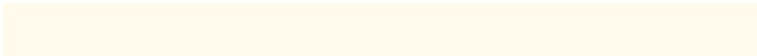
80, 22.725, 325.991

Sweetspot

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



80, 22.726, 95.997



98, 8.207, 98.086



70, 22.029, 3.501



52, 5.839, 97.912



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, 22.726, 95.997



94, 32.120, 95.300



82, 28.811, 118.974



43, 4.959, 97.935



57, 62.056, 86.057



13, 18.550, 89.697

Inverse Universe

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



69, 23.282, 282.600



79, 33.125, 283.592



67, 30.369, 302.354



41, 5.008, 280.200



24, 83.090, 301.481



3, 21.679, 287.287

Previews

White Background



This preview shows how the CIELCh color 80, 22.725, 95.991 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, 22.725, 95.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

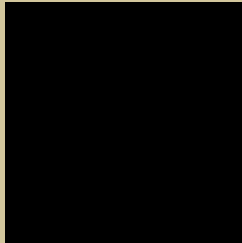
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 22.725, 95.991

Background



This preview shows how black text looks on a background with the CIELCh color 80, 22.725, 95.991.



This preview shows how white text looks on a background with the CIELCh color 80, 22.725, 95.991.

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, 22.725, 95.991

Protanopia

80, 22.815, 95.005

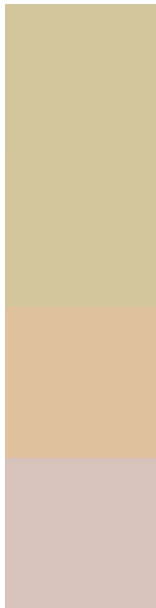
Deuteranopia

80, 23.935, 64.911



Tritanopia
80, 12.467, 340.634

Trichromacy



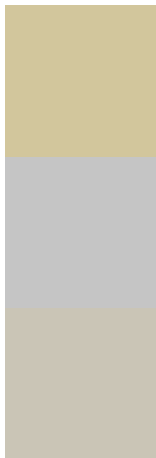
Original Color
80, 22.725, 95.991

Protanomaly
80, 22.815, 95.005

Deuteranomaly
80, 22.716, 76.344

Tritanomaly
80, 8.568, 41.667

Monochromacy



Original Color
80, 22.725, 95.991

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 8.177, 96.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 22.725, 95.991 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(210, 198, 156)` looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 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(210, 198, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 22.725, 95.991 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(210, 198, 156) }
```

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

```
.border{ border-color:rgb(210, 198, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 198, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 156);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 22.725, 95.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 156) }
```

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

```
.background{ background-color: rgb(210,  
198, 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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