

Converting Colors

CIELCh(80, 18.516, 95.019)

Have a look what the booklet for
CIELCh(80, 18.516, 95.019) contains.

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Color

CIELCh(80, 18.516, 95.019)

Conversions

Conversions Part 1

Format	Color
Hex	D1C6A4
RGB	209, 198, 164
RGB Percent	82%, 78%, 64%
CMY	0.1800, 0.2232, 0.3565
CMYK	0.00, 0.05, 0.22, 0.18
HSL	45°, 33%, 73%
HSV	45°, 22%, 82%
XYZ	53.2436, 56.6813, 43.2974
YIQ	197.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

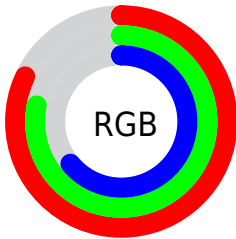
Format	Color
RYB	179, 209, 164
Decimal	13747876
CIELab	80.00, -1.62, 18.45
CIELCh	80, 18.516, 95.019
Yxy	56.6813, 0.3475, 0.3699
Android (android.graphics.Color)	4291937956 (0xFFD1C6A4)
YUV	197.4130, -16.4726, 10.1618
Hunter-Lab	75.2870, -5.5154, 18.6033

Details

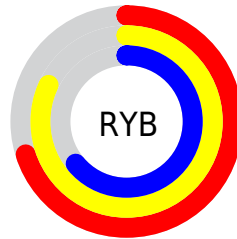
The CIELCh color **80, 18.516, 95.019** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 18.808, 280.539**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **60, 18.444, 94.814** is the 20% darker color. If you saturate the color by 10%, you get **78, 27.237, 93.776**, and if you desaturate by 10%, it is **82, 9.856, 96.235**.

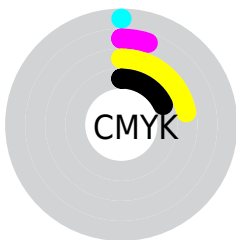
Distribution



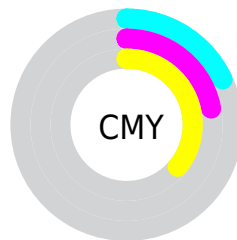
- Red (82%)
- Green (78%)
- Blue (64%)



- Red (70%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 18.516, 95.019 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, 18.516, 95.019 by changing the saturation by 10% instead.

■ 80, 18.516, 95.019

■ 80, 18.516, 95.019

■ 100, 18.516,
95.019

■ 70, 18.516, 95.019

■ 60, 18.516, 95.019

■ 50, 18.516, 95.019

■ 40, 18.516, 95.019

■ 30, 18.516, 95.019

■ 20, 18.516, 95.019

■ 10, 18.516, 95.019

■ 0, 18.516, 95.019

■ 80, 18.516, 95.019

■ 80, 18.516, 95.019

78, 27.237, 93.776

82, 9.856, 96.235

77, 35.947, 92.494

84, 1.287, 97.284

75, 44.523, 91.184

85, 7.175, 278.591

73, 52.739, 89.841

87, 15.525,
279.662

72, 60.214, 88.450

89, 16.916,
274.953

71, 66.361, 86.967

69, 70.449, 85.313

90, 14.950,
265.409

68, 72.263, 83.744

91, 13.503,
253.513

93, 12.742,
239.611

94, 12.778,
224.990

Harmonies

Complementary

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



80, 18.516, 95.019



72, 18.808, 280.539

Rectangle

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



80, 18.516, 95.019



80, 18.516, 145.019



80, 18.516, 275.019



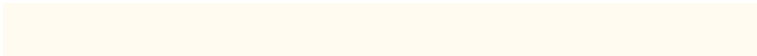
80, 18.516, 325.019

Sweetspot

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



80, 18.517, 95.026



99, 6.004, 96.865



72, 18.317, 1.740



53, 3.985, 96.791



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, 18.517, 95.026



95, 26.338, 94.434



82, 24.012, 118.562



43, 4.846, 96.483



56, 61.560, 84.080



12, 18.147, 87.686

Inverse Universe

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



72, 18.808, 280.539



83, 26.856, 281.329



70, 25.097, 301.431



41, 4.885, 278.790



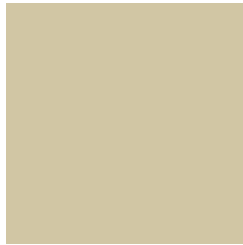
25, 80.850, 300.625



3, 21.308, 286.579

Previews

White Background



This preview shows how the CIELCh color 80, 18.516, 95.019 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, 18.516, 95.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

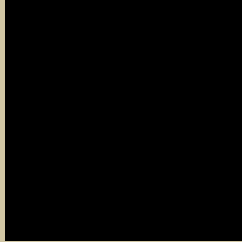
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

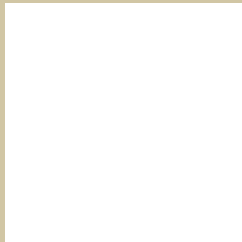
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 18.516, 95.019

Background



This preview shows how black text looks on a background with the CIELCh color 80, 18.516, 95.019.



This preview shows how white text looks on a background with the CIELCh color 80, 18.516, 95.019.

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, 18.516, 95.019

Protanopia

80, 18.614, 93.833

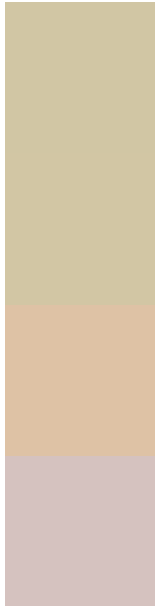
Deuteranopia

80, 20.266, 60.747



Tritanopia
80, 11.633, 337.024

Trichromacy



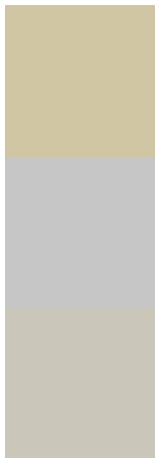
Original Color
80, 18.516, 95.019

Protanomaly
80, 18.614, 93.833

Deuteranomaly
80, 19.063, 73.138

Tritanomaly
80, 7.316, 32.414

Monochromacy



Original Color
80, 18.516, 95.019

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 6.531, 96.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 18.516, 95.019 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(209, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 164)  
}
```

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(209, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 18.516, 95.019 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(209, 198, 164) }
```

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

```
.border{ border-color:rgb(209, 198, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 198, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 18.516, 95.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 164) }
```

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

```
.background{ background-color: rgb(209,  
198, 164) }
```

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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