

Converting Colors

CIELCh(80, 26.435, 94.003)

Have a look what the booklet for
CIELCh(80, 26.435, 94.003) contains.

CIELCh(80, 26.589, 94.641)	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, 26.589, 94.641)

Conversions

Conversions Part 1

Format	Color
Hex	D5C695
RGB	213, 198, 149
RGB Percent	84%, 78%, 58%
CMY	0.1648, 0.2236, 0.4158
CMYK	0.00, 0.07, 0.30, 0.16
HSL	46°, 43%, 71%
HSV	46°, 30%, 84%
XYZ	53.0379, 56.6813, 36.5644
YIQ	196.8990, 24.6690, -12.0590

Conversions

Conversions Part 2

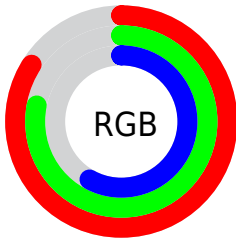
Format	Color
R _Y B	169, 213, 149
Decimal	14010005
CIE Lab	80.00, -2.15, 26.50
CIE LCh	80, 26.589, 94.641
Yxy	56.6813, 0.3626, 0.3875
Android (android.graphics.Color)	4292200085 (0xFFD5C695)
YUV	196.8990, -23.6142, 14.1206
Hunter-Lab	75.2870, -6.0031, 23.9057

Details

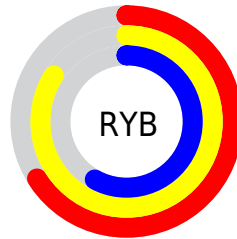
The CIELCh color **80, 26.589, 94.641** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 27.287, 282.626**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **60, 26.414, 93.813** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.500, 93.380**, and if you desaturate by 10%, it is **82, 17.671, 95.881**.

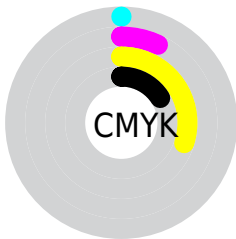
Distribution



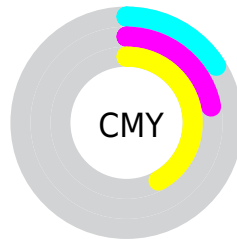
- Red (84%)
- Green (78%)
- Blue (58%)



- Red (66%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 26.589, 94.641 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, 26.589, 94.641 by changing the saturation by 10% instead.

80, 26.589, 94.641

80, 26.589, 94.641

100, 26.589,
94.641

70, 26.589, 94.641

60, 26.589, 94.641

50, 26.589, 94.641

40, 26.589, 94.641

30, 26.589, 94.641

20, 26.589, 94.641

10, 26.589, 94.641

0, 26.589, 94.641

80, 26.589, 94.641

80, 26.589, 94.641

78, 35.500, 93.380

82, 17.671, 95.881

77, 44.279, 92.087

83, 8.808, 97.075

75, 52.713, 90.766

85, 0.035, 92.875

74, 60.435, 89.407

87, 8.635, 279.400

72, 66.877, 87.974

89, 16.967,
280.280

71, 71.309, 86.401

90, 14.807,
271.658

70, 73.510, 84.639

91, 13.082,
260.533

93, 11.970,
246.821

94, 11.637,
231.459

Harmonies

Complementary

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



80, 26.589, 94.641



68, 27.287, 282.626

Rectangle

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



80, 26.589, 94.641



80, 26.589, 144.641



80, 26.589, 274.641



80, 26.589, 324.641

Sweetspot

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



80, 26.590, 94.646



98, 9.123, 97.186



68, 26.381, 2.886



52, 6.346, 97.015



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, 26.590, 94.646



93, 36.921, 93.849



83, 33.885, 118.019



44, 4.995, 97.147



57, 62.459, 84.958



13, 19.729, 88.353

Inverse Universe

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



68, 27.287, 282.626



76, 38.174, 283.829



65, 36.127, 302.167



42, 5.040, 279.442



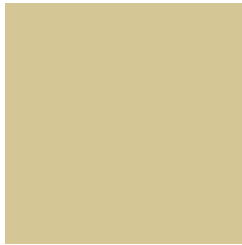
25, 82.883, 301.057



4, 23.177, 288.011

Previews

White Background



This preview shows how the CIELCh color 80, 26.589, 94.641 looks on a white background.

Color Contrast Check

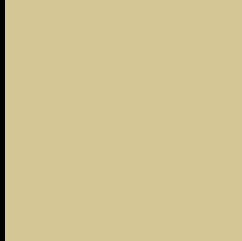
Large Text (above 18pt) WCAG AA × Fail

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, 26.589, 94.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

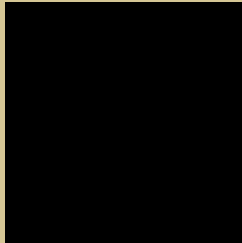
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

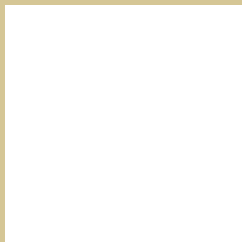
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 26.589, 94.641

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.589, 94.641.



This preview shows how white text looks on a background with the CIELCh color 80, 26.589, 94.641.

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, 26.589, 94.641

Protanopia

80, 26.495, 95.496

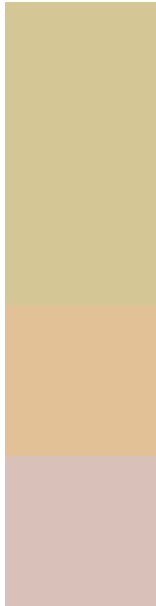
Deuteranopia

80, 27.417, 68.476



Tritanopia
80, 13.645, 344.785

Trichromacy



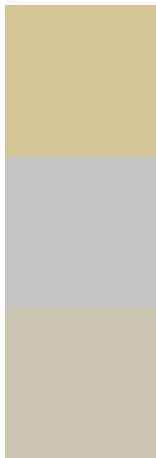
Original Color
80, 26.589, 94.641

Protanomaly
80, 26.495, 95.496

Deuteranomaly
80, 26.624, 77.777

Tritanomaly
80, 10.103, 44.764

Monochromacy



Original Color
80, 26.589, 94.641

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 9.300, 95.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.589, 94.641 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(213, 198, 149)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 149)  
}
```

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(213, 198, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.589, 94.641 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(213, 198, 149) }
```

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

```
.border{ border-color:rgb(213, 198, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 198, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 198, 149); box-shadow:4px 4px 4px 4px rgb(213, 198, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.589, 94.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 149) }
```

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

```
.background{ background-color: rgb(213,  
198, 149) }
```

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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