

Converting Colors

CIELCh(80, 27.780, 97.765)

Have a look what the booklet for
CIELCh(80, 27.780, 97.765) contains.

CIELCh(80, 27.845, 97.640)	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, 27.845, 97.640)

Conversions

Conversions Part 1

Format	Color
Hex	D3C793
RGB	211, 199, 147
RGB Percent	83%, 78%, 58%
CMY	0.1733, 0.2203, 0.4242
CMYK	0.00, 0.06, 0.30, 0.17
HSL	49°, 42%, 70%
HSV	49°, 30%, 83%
XYZ	52.4408, 56.6813, 35.7064
YIQ	196.6600, 23.8440, -13.6280

Conversions

Conversions Part 2

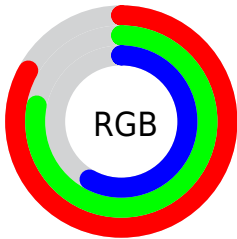
Format	Color
RYB	162, 211, 147
Decimal	13879187
CIELab	80.00, -3.70, 27.60
CIElCh	80, 27.845, 97.640
Yxy	56.6813, 0.3621, 0.3914
Android (android.graphics.Color)	4292069267 (0xFFD3C793)
YUV	196.6600, -24.4824, 12.5762
Hunter-Lab	75.2870, -7.4188, 24.5814

Details

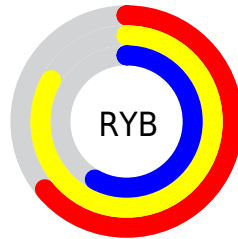
The CIELCh color **80, 27.845, 97.640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 28.943, 285.415**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **60, 27.702, 97.022** is the 20% darker color. If you saturate the color by 10%, you get **79, 36.980, 96.441**, and if you desaturate by 10%, it is **81, 18.644, 98.826**.

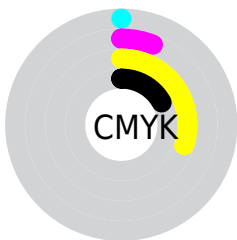
Distribution



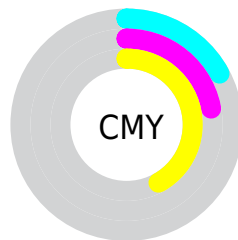
- Red (83%)
- Green (78%)
- Blue (58%)



- Red (64%)
- Yellow (83%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 27.845, 97.640 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, 27.845, 97.640 by changing the saturation by 10% instead.

80, 27.845, 97.640

80, 27.845, 97.640

100, 27.845,
97.640

70, 27.845, 97.640

60, 27.845, 97.640

50, 27.845, 97.640

40, 27.845, 97.640

30, 27.845, 97.640

20, 27.845, 97.640

10, 27.845, 97.640

0, 27.845, 97.640

80, 27.845, 97.640

80, 27.845, 97.640

79, 36.980, 96.441

81, 18.644, 98.826

77, 45.905, 95.224

83, 9.451, 99.974

76, 54.387, 93.999

84, 0.311, 100.609

75, 62.039, 92.765

86, 8.753, 282.210

74, 68.290, 91.507

88, 17.730,
283.237

73, 72.459, 90.187

89, 17.282,
278.563

72, 74.399, 88.820

90, 15.595,
271.886

91, 14.164,
263.780

92, 13.070,
254.150

Harmonies

Complementary

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



80, 27.845, 97.640



66, 28.943, 285.415

Rectangle

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



80, 27.845, 97.640



80, 27.845, 147.640



80, 27.845, 277.640



80, 27.845, 327.640

Sweetspot

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



80, 27.846, 97.645



98, 9.583, 100.115



67, 26.112, 6.643



52, 6.664, 99.950



0, 0.000, 0.000



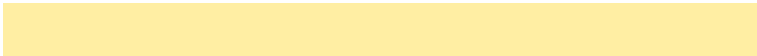
53, 0.007, 296.813

Same Dimension

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



80, 27.846, 97.645



94, 38.532, 96.920



82, 34.214, 120.041



43, 5.144, 100.081



58, 63.004, 89.071



13, 19.226, 92.655

Inverse Universe

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



66, 28.943, 285.415



75, 40.457, 286.530



65, 36.366, 303.870



41, 5.207, 282.280



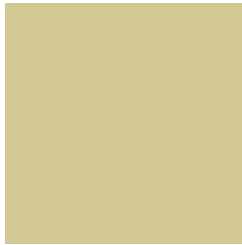
23, 86.384, 302.666



3, 22.269, 288.351

Previews

White Background



This preview shows how the CIELCh color 80, 27.845, 97.640 looks on a white background.

Color Contrast Check

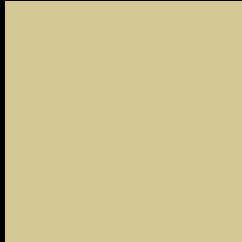
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 27.845, 97.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

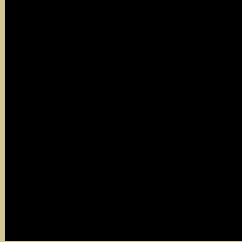
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 27.845, 97.640

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.845, 97.640.



This preview shows how white text looks on a background with the CIELCh color 80, 27.845, 97.640.

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, 27.845, 97.640

Protanopia

80, 27.610, 95.002

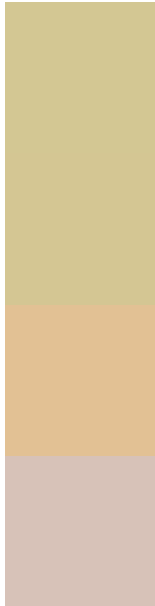
Deuteranopia

80, 28.549, 69.042



Tritanopia
80, 12.751, 341.737

Trichromacy



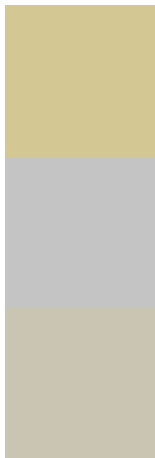
Original Color
80, 27.845, 97.640

Protanomaly
80, 27.519, 95.829

Deuteranomaly
80, 27.561, 78.715

Tritanomaly
80, 9.620, 53.249

Monochromacy



Original Color
80, 27.845, 97.640

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 10.196, 100.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.845, 97.640 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(211, 199, 147)` looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 147)  
}
```

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(211, 199, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.845, 97.640 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(211, 199, 147) }
```

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

```
.border{ border-color:rgb(211, 199, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 199, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 199, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 199, 147); box-shadow:4px 4px 4px 4px rgb(211, 199, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.845, 97.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 147) }
```

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

```
.background{ background-color: rgb(211,  
199, 147) }
```

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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