

Converting Colors

CIELCh(79, 32.710, 88.586)

Have a look what the booklet for
CIELCh(79, 32.710, 88.586) contains.

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Color

CIELCh(79, 32.467, 88.727)

Conversions

Conversions Part 1

Format	Color
Hex	DAC187
RGB	218, 193, 135
RGB Percent	85%, 76%, 53%
CMY	0.1442, 0.2423, 0.4698
CMYK	0.00, 0.11, 0.38, 0.14
HSL	42°, 53%, 69%
HSV	42°, 38%, 86%
XYZ	52.4842, 54.9284, 30.8321
YIQ	193.8630, 33.5180, -12.7380

Conversions

Conversions Part 2

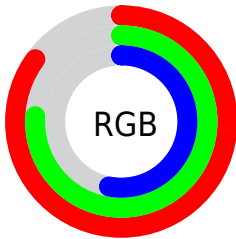
Format	Color
RYB	171, 218, 135
Decimal	14336391
CIELab	79.00, 0.72, 32.46
CIElCh	79, 32.467, 88.727
Yxy	54.9284, 0.3796, 0.3973
Android (android.graphics.Color)	4292526471 (0xFFDAC187)
YUV	193.8630, -29.0195, 21.1681
Hunter-Lab	74.1137, -3.2929, 27.2143

Details

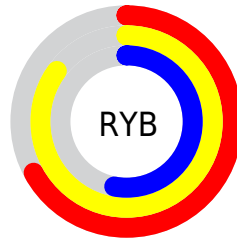
The CIELCh color $79, 32.467, 88.727$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $66, 32.733, 279.797$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 30.434, 103.493$, and $59, 32.844, 88.963$ is the 20% darker color. If you saturate the color by 10%, you get $77, 41.167, 87.359$, and if you desaturate by 10%, it is $81, 23.774, 90.066$.

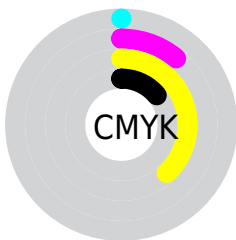
Distribution



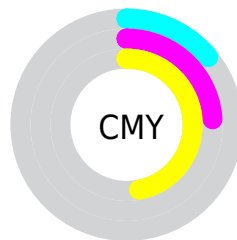
- Red (85%)
- Green (76%)
- Blue (53%)



- Red (67%)
- Yellow (85%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 32.467, 88.727 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 79, 32.467, 88.727 by changing the saturation by 10% instead.

■ 79, 32.467, 88.727

■ 79, 32.467, 88.727

■ 100, 32.467,
88.727

■ 69, 32.467, 88.727

■ 99, 32.467, 88.727

■ 59, 32.467, 88.727

■ 49, 32.467, 88.727

■ 39, 32.467, 88.727

■ 29, 32.467, 88.727

■ 19, 32.467, 88.727

■ 9, 32.467, 88.727

■ 0, 32.467, 88.727

■ 79, 32.467, 88.727

■ 79, 32.467, 88.727

77, 41.167, 87.359

81, 23.774, 90.066

75, 49.703, 85.940

83, 15.170, 91.359

73, 57.771, 84.452

85, 6.698, 92.597

71, 64.851, 82.843

88, 1.627, 273.987

70, 70.184, 81.005

90, 9.803, 275.030

68, 73.127, 78.803

92, 12.429,
268.160

68, 73.596, 78.361

93, 10.631,
249.210

95, 10.300,
226.330

97, 11.536,
205.466

Harmonies

Complementary

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



79, 32.467, 88.727



66, 32.733, 279.797

Rectangle

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



79, 32.467, 88.727



79, 32.467, 138.727



79, 32.467, 268.727



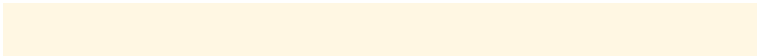
79, 32.467, 318.727

Sweetspot

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



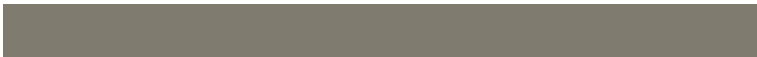
79, 32.468, 88.732



97, 10.427, 92.227



66, 35.148, 359.313



52, 7.015, 92.059



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 32.468, 88.732



89, 44.706, 87.586



84, 43.081, 114.677



45, 4.753, 92.429



55, 62.040, 78.800



13, 19.951, 81.868

Inverse Universe

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



66, 32.733, 279.797



71, 45.322, 281.715



61, 47.150, 300.822



43, 4.768, 274.851



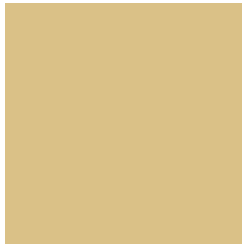
28, 76.590, 298.134



5, 23.406, 286.792

Previews

White Background



This preview shows how the CIELCh color 79, 32.467, 88.727 looks on a white background.

Color Contrast Check

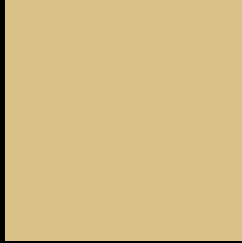
Large Text (above 18pt) WCAG AA × Fail

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 79, 32.467, 88.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

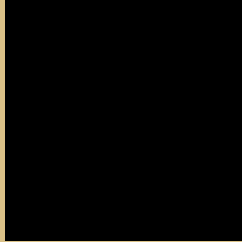
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 32.467, 88.727

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.467, 88.727.

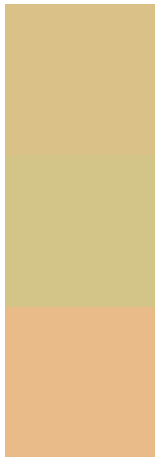


This preview shows how white text looks on a background with the CIELCh color 79, 32.467, 88.727.

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

79, 32.467, 88.727

Protanopia

79, 32.251, 96.225

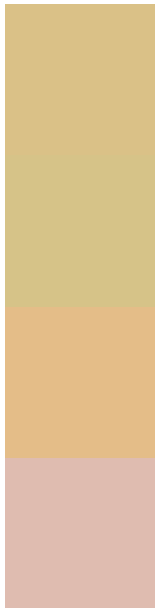
Deuteranopia

79, 33.587, 72.779



Tritanopia
79, 16.666, 354.322

Trichromacy



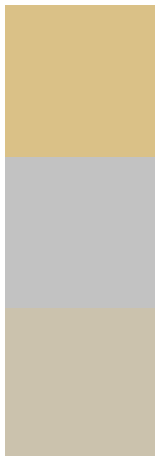
Original Color
79, 32.467, 88.727

Protanomaly
79, 32.157, 93.195

Deuteranomaly
79, 32.747, 77.828

Tritanomaly
79, 15.115, 45.169

Monochromacy



Original Color
79, 32.467, 88.727

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 11.695, 91.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.467, 88.727 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(218, 193, 135)` looks like.

```
.text, #text, p{  
    color:rgb(218, 193, 135)  
}
```

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(218, 193, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.467, 88.727 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(218, 193, 135) }
```

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

```
.border{ border-color:rgb(218, 193, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 193, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 193, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 193, 135); box-shadow:4px 4px 4px 4px rgb(218, 193, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.467, 88.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 135) }
```

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

```
.background{ background-color: rgb(218,  
193, 135) }
```

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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