

Converting Colors

CIELCh(79, 29.374, 85.746)

Have a look what the booklet for
CIELCh(79, 29.374, 85.746) contains.

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Color

CIELCh(79, 29.343, 85.430)

Conversions

Conversions Part 1

Format	Color
Hex	DBC08D
RGB	219, 192, 141
RGB Percent	86%, 75%, 55%
CMY	0.1396, 0.2455, 0.4456
CMYK	0.00, 0.12, 0.36, 0.14
HSL	39°, 52%, 71%
HSV	39°, 36%, 86%
XYZ	53.1071, 54.9284, 33.1480
YIQ	194.2590, 32.4630, -10.1370

Conversions

Conversions Part 2

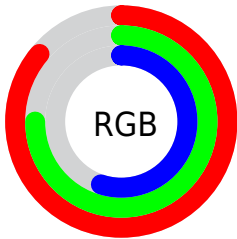
Format	Color
RYB	182, 219, 141
Decimal	14401677
CIELab	79.00, 2.34, 29.25
CIElCh	79, 29.343, 85.430
Yxy	54.9284, 0.3762, 0.3891
Android (android.graphics.Color)	4292591757 (0xFFDBC08D)
YUV	194.2590, -26.2567, 21.6979
Hunter-Lab	74.1137, -1.7924, 25.3616

Details

The CIELCh color **79, 29.343, 85.430** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 28.960, 275.900**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 26.992, 102.428**, and **59, 29.597, 85.724** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.917, 84.039**, and if you desaturate by 10%, it is **81, 20.873, 86.790**.

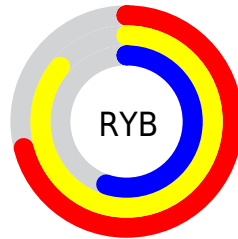
Distribution



Red (86%)

Green (75%)

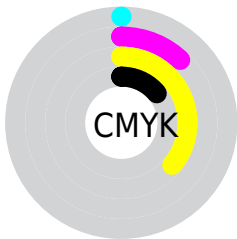
Blue (55%)



Red (71%)

Yellow (86%)

Blue (55%)

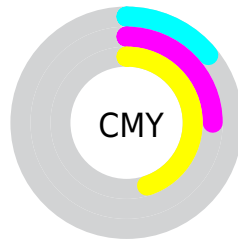


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (14%)



Cyan (14%)

Magenta (25%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 29.343, 85.430 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, 29.343, 85.430 by changing the saturation by 10% instead.

 79, 29.343, 85.430

 79, 29.343, 85.430

 100, 29.343,
85.430

 69, 29.343, 85.430

 99, 29.343, 85.430

 59, 29.343, 85.430

 49, 29.343, 85.430

 39, 29.343, 85.430

 29, 29.343, 85.430

 19, 29.343, 85.430

 9, 29.343, 85.430

 0, 29.343, 85.430

 79, 29.343, 85.430

 79, 29.343, 85.430

77, 37.917, 84.039

81, 20.873, 86.790

75, 46.470, 82.594

84, 12.563, 88.100

72, 54.760, 81.076

86, 4.435, 89.336

70, 62.350, 79.428

89, 3.510, 270.702

68, 68.528, 77.532

91, 11.277,
271.828

66, 72.425, 75.195

93, 10.651,
254.980

66, 73.641, 74.065

95, 9.945, 228.229

97, 11.388,
203.519

98, 11.994,
198.705

Harmonies

Complementary

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



79, 29.343, 85.430



69, 28.960, 275.900

Rectangle

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



79, 29.343, 85.430



79, 29.343, 135.430



79, 29.343, 265.430



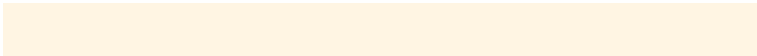
79, 29.343, 315.430

Sweetspot

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



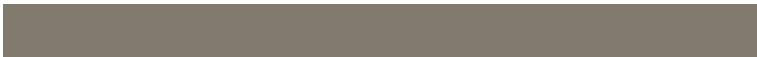
79, 29.344, 85.435



97, 9.975, 88.667



67, 33.366, 356.611



51, 6.714, 88.495



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, 29.344, 85.435



88, 40.356, 84.350



85, 40.403, 113.402



45, 4.546, 88.873



53, 61.785, 74.583



13, 19.333, 77.240

Inverse Universe

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



69, 28.960, 275.900



74, 39.786, 277.665



63, 44.002, 299.476



43, 4.538, 271.362



30, 71.409, 295.692



5, 22.315, 284.781

Previews

White Background



This preview shows how the CIELCh color 79, 29.343, 85.430 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 79, 29.343, 85.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

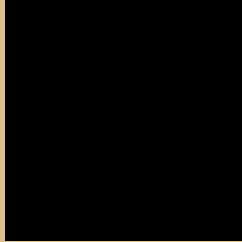
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 29.343, 85.430

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.343, 85.430.



This preview shows how white text looks on a background with the CIELCh color 79, 29.343, 85.430.

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, 29.343, 85.430

Protanopia

79, 28.594, 96.096

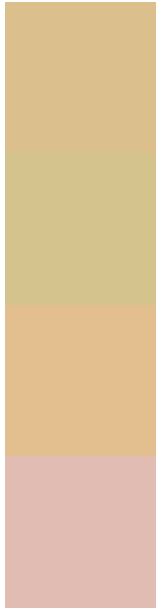
Deuteranopia

79, 30.801, 71.685



Tritanopia
79, 17.004, 354.934

Trichromacy



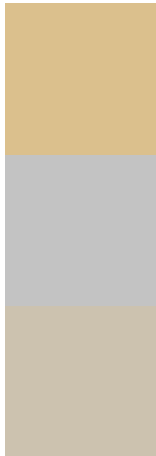
Original Color
79, 29.343, 85.430

Protanomaly
79, 29.012, 92.899

Deuteranomaly
79, 29.933, 77.151

Tritanomaly
79, 15.008, 41.021

Monochromacy



Original Color
79, 29.343, 85.430

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 10.810, 88.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.343, 85.430 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(219, 192, 141)` looks like.

```
.text, #text, p{  
    color:rgb(219, 192, 141)  
}
```

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(219, 192, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 192, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.343, 85.430 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(219, 192, 141) }
```

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

```
.border{ border-color:rgb(219, 192, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 192, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 192, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 192, 141);  
box-shadow:4px 4px 4px 4px rgb(219, 192,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.343, 85.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 192, 141) }
```

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

```
.background{ background-color: rgb(219,  
192, 141) }
```

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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