

Converting Colors

CIELCh(81, 36.315, 95.793)

Have a look what the booklet for
CIELCh(81, 36.315, 95.793) contains.

CIELCh(81, 36.315, 95.793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 36.315, 95.793)

Conversions

Conversions Part 1

Format	Color
Hex	DAC985
RGB	218, 201, 133
RGB Percent	85%, 79%, 52%
CMY	0.1445, 0.2111, 0.4779
CMYK	0.00, 0.08, 0.39, 0.14
HSL	48°, 54%, 69%
HSV	48°, 39%, 86%
XYZ	54.1261, 58.4711, 30.6758
YIQ	198.3310, 31.9600, -17.5440

Conversions

Conversions Part 2

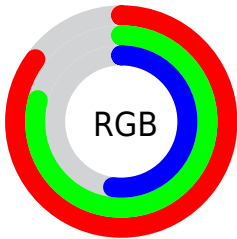
Format	Color
RYB	154, 218, 133
Decimal	14338437
CIELab	81.00, -3.67, 36.13
CIElCh	81, 36.315, 95.793
Yxy	58.4711, 0.3778, 0.4081
Android (android.graphics.Color)	4292528517 (0xFFDAC985)
YUV	198.3310, -32.2082, 17.2497
Hunter-Lab	76.4664, -7.4663, 29.7413

Details

The CIELCh color **81, 36.315, 95.793** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 38.156, 286.362**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 34.195, 107.573**, and **61, 36.380, 95.446** is the 20% darker color. If you saturate the color by 10%, you get **80, 45.464, 94.558**, and if you desaturate by 10%, it is **82, 26.997, 97.018**.

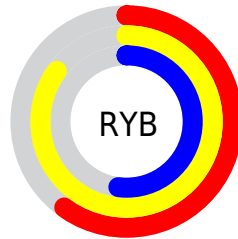
Distribution



Red (85%)

Green (79%)

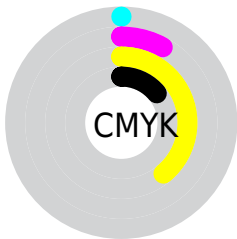
Blue (52%)



Red (60%)

Yellow (85%)

Blue (52%)

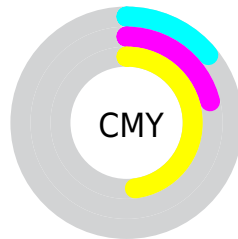


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (14%)



Cyan (14%)

Magenta (21%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 36.315, 95.793 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 81, 36.315, 95.793 by changing the saturation by 10% instead.

 81, 36.315, 95.793

 81, 36.315, 95.793

 100, 36.315,
95.793

 71, 36.315, 95.793

 61, 36.315, 95.793

 51, 36.315, 95.793

 41, 36.315, 95.793

 31, 36.315, 95.793

 21, 36.315, 95.793

 11, 36.315, 95.793

 1, 36.315, 95.793

 0, 36.315, 95.793

81, 36.315, 95.793

81, 36.315, 95.793

80, 45.464, 94.558

82, 26.997, 97.018

78, 54.218, 93.305

84, 17.635, 98.213

77, 62.208, 92.036

86, 8.302, 99.369

76, 68.867, 90.734

87, 0.962, 280.694

74, 73.484, 89.354

89, 10.140,
281.623

73, 75.698, 87.842

90, 14.625,
279.193

73, 75.881, 87.685

92, 12.792,
270.337

93, 11.353,
258.974

94, 10.464,
245.118

Harmonies

Complementary

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



81, 36.315, 95.793



63, 38.156, 286.362

Rectangle

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



81, 36.315, 95.793



81, 36.315, 145.793



81, 36.315, 275.793



81, 36.315, 325.793

Sweetspot

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



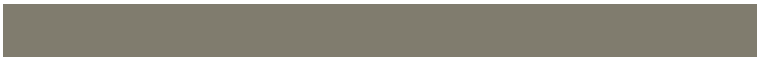
81, 36.316, 95.797



98, 12.628, 99.012



65, 35.028, 8.037



52, 8.381, 98.860



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 36.316, 95.797



92, 49.571, 94.752



84, 44.866, 119.548



45, 5.279, 99.317



59, 64.023, 87.954



15, 21.774, 91.039

Inverse Universe

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



63, 38.156, 286.362



67, 52.967, 288.193



61, 48.689, 304.605



43, 5.340, 281.552



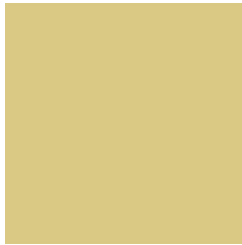
24, 87.301, 302.319



4, 25.550, 290.132

Previews

White Background



This preview shows how the CIELCh color 81, 36.315, 95.793 looks on a white background.

Color Contrast Check

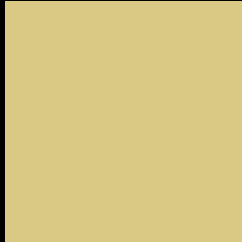
Large Text (above 18pt) WCAG AA × Fail

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 81, 36.315, 95.793 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 81, 36.315, 95.793

Background



This preview shows how black text looks on a background with the CIELCh color 81, 36.315, 95.793.



This preview shows how white text looks on a background with the CIELCh color 81, 36.315, 95.793.

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

81, 36.315, 95.793

Protanopia

81, 36.315, 95.793

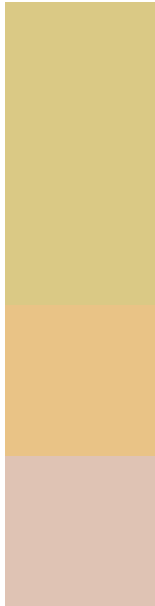
Deuteranopia

81, 36.842, 73.628



Tritanopia
81, 14.847, 348.288

Trichromacy



Original Color
81, 36.315, 95.793

Protanomaly
81, 36.315, 95.793

Deuteranomaly
81, 36.089, 81.188

Tritanomaly
81, 13.473, 55.978

Monochromacy



Original Color
81, 36.315, 95.793

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 13.436, 99.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 36.315, 95.793 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, 201, 133)` looks like.

```
.text, #text, p{  
    color:rgb(218, 201, 133)  
}
```

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, 201, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 201, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 36.315, 95.793 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, 201, 133) }
```

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

```
.border{ border-color:rgb(218, 201, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 201, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 201, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 201, 133);  
box-shadow:4px 4px 4px 4px rgb(218, 201,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 36.315, 95.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 201, 133) }
```

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

```
.background{ background-color: rgb(218,  
201, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor