

Converting Colors

CIELCh(82, 24.305, 96.333)

Have a look what the booklet for
CIELCh(82, 24.305, 96.333) contains.

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Color

CIELCh(82, 24.137, 96.662)

Conversions

Conversions Part 1

Format	Color
Hex	D8CC9F
RGB	216, 204, 159
RGB Percent	85%, 80%, 62%
CMY	0.1529, 0.1999, 0.3764
CMYK	0.00, 0.06, 0.26, 0.15
HSL	47°, 42%, 74%
HSV	47°, 26%, 85%
XYZ	56.1794, 60.2982, 41.4856
YIQ	202.4580, 21.5970, -11.4510

Conversions

Conversions Part 2

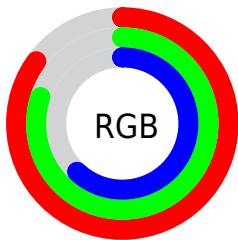
Format	Color
RYB	174, 216, 159
Decimal	14208159
CIELab	82.00, -2.80, 23.97
CIELCh	82, 24.137, 96.662
Yxy	60.2982, 0.3556, 0.3817
Android (android.graphics.Color)	4292398239 (0xFFD8CC9F)
YUV	202.4580, -21.4248, 11.8763
Hunter-Lab	77.6519, -6.7501, 22.6806

Details

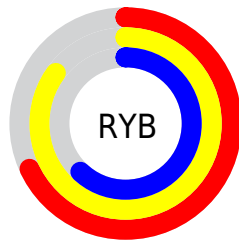
The CIELCh color $82, 24.137, 96.662$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 24.816, 283.424$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 20.719, 108.609$, and $62, 24.333, 96.311$ is the 20% darker color. If you saturate the color by 10%, you get $80, 33.330, 95.440$, and if you desaturate by 10%, it is $84, 14.940, 97.865$.

Distribution



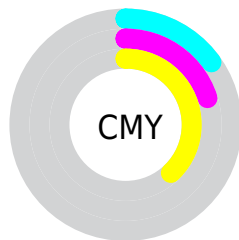
- Red (85%)
- Green (80%)
- Blue (62%)



- Red (68%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (15%)

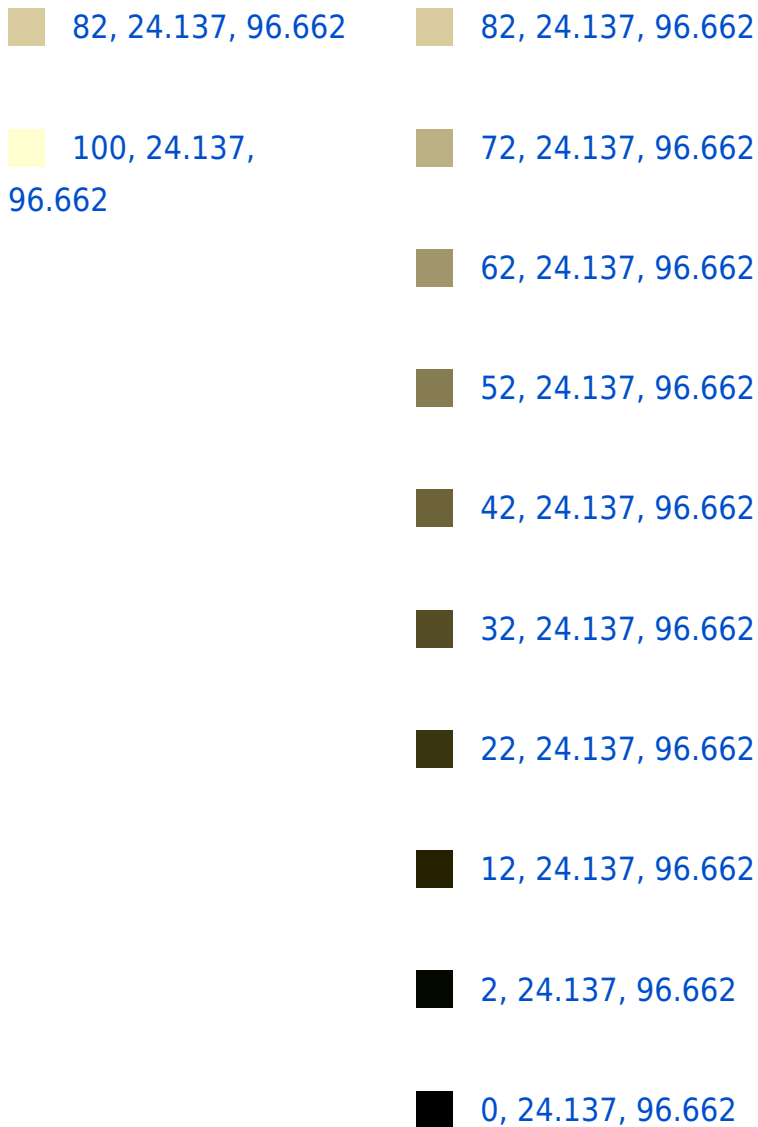


- Cyan (15%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 24.137, 96.662 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 82, 24.137, 96.662 by changing the saturation by 10% instead.



82, 24.137, 96.662

82, 24.137, 96.662

80, 33.330, 95.440

84, 14.940, 97.865

79, 42.407, 94.190

85, 5.791, 99.014

78, 51.182, 92.922

87, 3.276, 280.225

76, 59.337, 91.633

89, 12.248,
281.270

75, 66.365, 90.308

90, 15.029,
277.546

74, 71.578, 88.906

91, 13.185,
268.335

72, 74.338, 87.353

92, 11.776,
256.625

72, 74.984, 86.769

94, 10.964,
242.583

95, 10.872,

Harmonies

Complementary

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



82, 24.137, 96.662



70, 24.816, 283.424

Rectangle

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



82, 24.137, 96.662



82, 24.137, 146.662



82, 24.137, 276.662



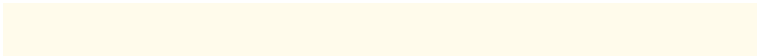
82, 24.137, 326.662

Sweetspot

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



82, 24.138, 96.668



98, 8.309, 98.826



71, 23.055, 4.839



52, 5.911, 98.654



0, 0.000, 0.000



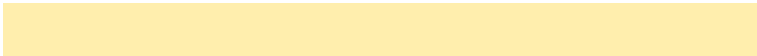
53, 0.007, 296.813

Same Dimension

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



82, 24.138, 96.668



94, 33.528, 95.945



84, 30.318, 119.601



44, 5.121, 98.674



58, 63.044, 87.066



14, 20.185, 90.427

Inverse Universe

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



70, 24.816, 283.424



78, 34.739, 284.469



69, 31.978, 302.987



42, 5.177, 280.923



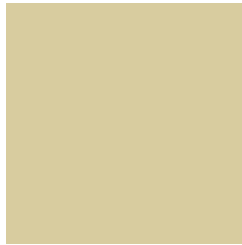
24, 85.264, 301.934



3, 23.611, 288.727

Previews

White Background



This preview shows how the CIELCh color 82, 24.137, 96.662 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 82, 24.137, 96.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

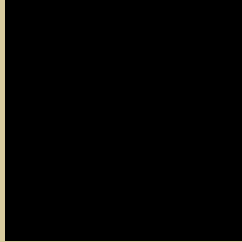
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 24.137, 96.662

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.137, 96.662.



This preview shows how white text looks on a background with the CIELCh color 82, 24.137, 96.662.

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


82, 24.137, 96.662

Protanopia

82, 24.222, 95.734

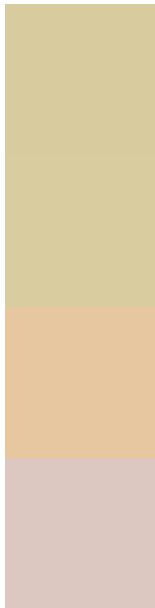
Deuteranopia

82, 25.276, 66.569



Tritanopia
82, 12.400, 340.608

Trichromacy



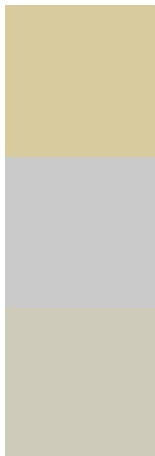
Original Color
82, 24.137, 96.662

Protanomaly
82, 24.222, 95.734

Deuteranomaly
82, 24.169, 77.370

Tritanomaly
82, 8.390, 45.914

Monochromacy



Original Color
82, 24.137, 96.662

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 9.095, 99.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.137, 96.662 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(216, 204, 159)` looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 159)  
}
```

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(216, 204, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.137, 96.662 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(216, 204, 159) }
```

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

```
.border{ border-color:rgb(216, 204, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 204, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 159);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.137, 96.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 159) }
```

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

```
.background{ background-color: rgb(216,  
204, 159) }
```

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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