

Converting Colors

CIELCh(82, 34.407, 94.095)

Have a look what the booklet for
CIELCh(82, 34.407, 94.095) contains.

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Color

CIELCh(82, 34.436, 94.075)

Conversions

Conversions Part 1

Format	Color
Hex	DECB8B
RGB	222, 203, 139
RGB Percent	87%, 80%, 55%
CMY	0.1282, 0.2028, 0.4538
CMYK	0.00, 0.09, 0.37, 0.13
HSL	46°, 56%, 71%
HSV	46°, 37%, 87%
XYZ	56.3213, 60.2982, 33.2021
YIQ	201.3850, 31.8680, -15.8760

Conversions

Conversions Part 2

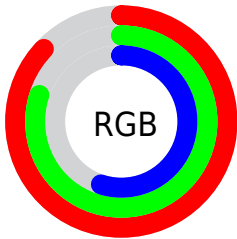
Format	Color
RYB	164, 222, 139
Decimal	14601099
CIELab	82.00, -2.45, 34.35
CIELCh	82, 34.436, 94.075
Yxy	60.2982, 0.3759, 0.4025
Android (android.graphics.Color)	4292791179 (0xFFDECB8B)
YUV	201.3850, -30.7558, 18.0794
Hunter-Lab	77.6519, -6.4239, 29.0053

Details

The CIELCh color **82, 34.436, 94.075** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 35.726, 284.369**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 31.221, 107.803**, and **62, 34.453, 93.715** is the 20% darker color. If you saturate the color by 10%, you get **80, 43.607, 92.797**, and if you desaturate by 10%, it is **84, 25.163, 95.335**.

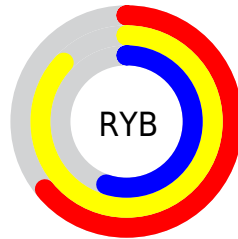
Distribution



Red (87%)

Green (80%)

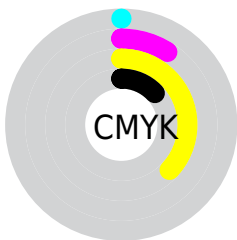
Blue (55%)



Red (64%)

Yellow (87%)

Blue (55%)

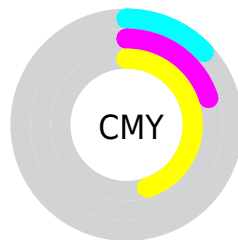


Cyan (0%)

Magenta (9%)

Yellow (37%)

Black (13%)



Cyan (13%)

Magenta (20%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 34.436, 94.075 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, 34.436, 94.075 by changing the saturation by 10% instead.

 82, 34.436, 94.075

 82, 34.436, 94.075

 100, 34.436,
94.075

 72, 34.436, 94.075

 62, 34.436, 94.075

 52, 34.436, 94.075

 42, 34.436, 94.075

 32, 34.436, 94.075

 22, 34.436, 94.075

 12, 34.436, 94.075

 2, 34.436, 94.075

 0, 34.436, 94.075

82, 34.436, 94.075

82, 34.436, 94.075

80, 43.607, 92.797

84, 25.163, 95.335

79, 52.478, 91.491

85, 15.896, 96.558

77, 60.712, 90.152

87, 6.693, 97.733

76, 67.772, 88.757

89, 2.416, 278.990

74, 72.927, 87.249

91, 11.418,
280.033

73, 75.561, 85.541

92, 11.530,
271.339

73, 76.050, 85.073

94, 9.896, 256.298

95, 9.146, 237.328

96, 9.478, 217.595

Harmonies

Complementary

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



82, 34.436, 94.075



66, 35.726, 284.369

Rectangle

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



82, 34.436, 94.075



82, 34.436, 144.075



82, 34.436, 274.075



82, 34.436, 324.075

Sweetspot

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



82, 34.437, 94.079



98, 11.228, 97.302



67, 34.201, 5.267



52, 7.550, 97.142



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, 34.437, 94.079



91, 46.352, 93.056



85, 43.473, 118.259



46, 5.220, 97.492



59, 63.947, 85.392



15, 22.536, 88.401

Inverse Universe

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



66, 35.726, 284.369



70, 48.700, 286.094



63, 47.152, 303.397



44, 5.269, 279.789



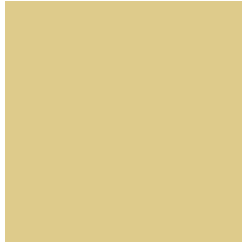
26, 85.442, 301.327



4, 26.675, 290.467

Previews

White Background



This preview shows how the CIELCh color 82, 34.436, 94.075 looks on a white background.

Color Contrast Check

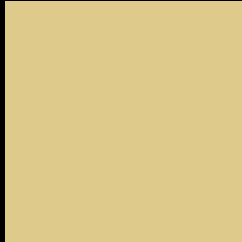
Large Text (above 18pt) WCAG AA × Fail

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 82, 34.436, 94.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

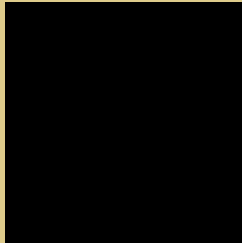
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 34.436, 94.075

Background



This preview shows how black text looks on a background with the CIELCh color 82, 34.436, 94.075.

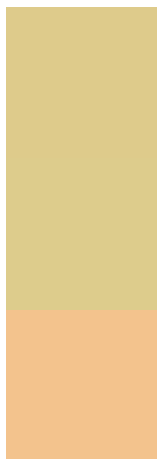


This preview shows how white text looks on a background with the CIELCh color 82, 34.436, 94.075.

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, 34.436, 94.075

Protanopia

82, 34.218, 95.438

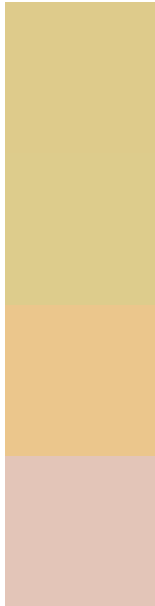
Deuteranopia

82, 35.127, 73.080



Tritanopia
82, 15.712, 348.158

Trichromacy



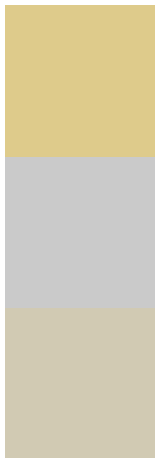
Original Color
82, 34.436, 94.075

Protanomaly
82, 34.218, 95.438

Deuteranomaly
82, 34.362, 80.973

Tritanomaly
82, 13.477, 50.599

Monochromacy



Original Color
82, 34.436, 94.075

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 12.434, 96.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 34.436, 94.075 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(222, 203, 139)` looks like.

```
.text, #text, p{  
    color:rgb(222, 203, 139)  
}
```

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(222, 203, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 203, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 34.436, 94.075 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(222, 203, 139) }
```

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

```
.border{ border-color:rgb(222, 203, 139) }
```

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

Here you see how a box with a 4 pixel rgb(222, 203, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 203, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 203, 139);  
box-shadow:4px 4px 4px 4px rgb(222, 203,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 34.436, 94.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 203, 139) }
```

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

```
.background{ background-color: rgb(222,  
203, 139) }
```

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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