

Converting Colors

CIELCh(82, 36.468, 95.629)

Have a look what the booklet for
CIELCh(82, 36.468, 95.629) contains.

CIELCh(82, 36.725, 95.948)	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(82, 36.725, 95.948)

Conversions

Conversions Part 1

Format	Color
Hex	DDCC87
RGB	221, 204, 135
RGB Percent	87%, 80%, 53%
CMY	0.1334, 0.2000, 0.4706
CMYK	0.00, 0.08, 0.39, 0.13
HSL	48°, 56%, 70%
HSV	48°, 39%, 87%
XYZ	55.7765, 60.2982, 31.6162
YIQ	201.2170, 32.2810, -17.8550

Conversions

Conversions Part 2

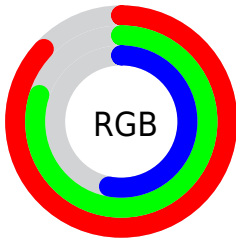
Format	Color
RYB	156, 221, 135
Decimal	14535815
CIELab	82.00, -3.81, 36.53
CIElCh	82, 36.725, 95.948
Yxy	60.2982, 0.3777, 0.4083
Android (android.graphics.Color)	4292725895 (0xFFDDCC87)
YUV	201.2170, -32.6450, 17.3497
Hunter-Lab	77.6519, -7.6762, 30.2162

Details

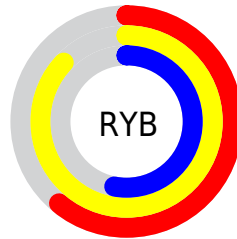
The CIELCh color $82, 36.725, 95.948$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $64, 38.616, 286.489$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 33.205, 107.650$, and $62, 36.788, 95.621$ is the 20% darker color. If you saturate the color by 10%, you get $81, 45.984, 94.716$, and if you desaturate by 10%, it is $83, 27.292, 97.171$.

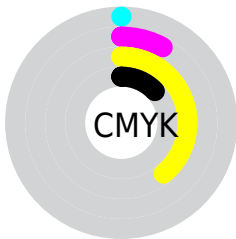
Distribution



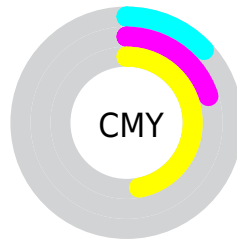
- Red (87%)
- Green (80%)
- Blue (53%)



- Red (61%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 36.725, 95.948 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, 36.725, 95.948 by changing the saturation by 10% instead.

 82, 36.725, 95.948

 82, 36.725, 95.948

 100, 36.725,
95.948

 72, 36.725, 95.948

 62, 36.725, 95.948

 52, 36.725, 95.948

 42, 36.725, 95.948

 32, 36.725, 95.948

 22, 36.725, 95.948

 12, 36.725, 95.948

 2, 36.725, 95.948

 0, 36.725, 95.948

82, 36.725, 95.948

82, 36.725, 95.948

81, 45.984, 94.716

83, 27.292, 97.171

79, 54.839, 93.467

85, 17.812, 98.364

78, 62.915, 92.203

87, 8.360, 99.518

77, 69.640, 90.909

88, 1.025, 280.831

75, 74.294, 89.541

90, 10.323,
281.769

74, 76.507, 88.044

91, 13.155,
277.581

74, 76.696, 87.879

92, 11.410,
267.390

94, 10.137,
254.198

95, 9.518, 238.408

Harmonies

Complementary

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



82, 36.725, 95.948



64, 38.616, 286.489

Rectangle

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



82, 36.725, 95.948



82, 36.725, 145.948



82, 36.725, 275.948



82, 36.725, 325.948

Sweetspot

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



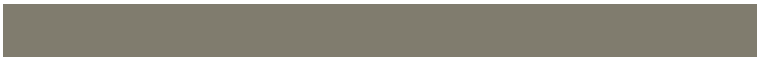
82, 36.726, 95.952



98, 12.659, 99.157



66, 35.346, 8.033



52, 8.402, 99.005



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, 36.726, 95.952



92, 49.671, 94.907



85, 45.277, 119.549



45, 5.292, 99.461



59, 64.091, 88.159



15, 21.823, 91.232

Inverse Universe

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



64, 38.616, 286.489



67, 53.128, 288.322



62, 49.132, 304.603



43, 5.354, 281.691



24, 87.526, 302.397



4, 25.596, 290.198

Previews

White Background



This preview shows how the CIELCh color 82, 36.725, 95.948 looks on a white background.

Color Contrast Check

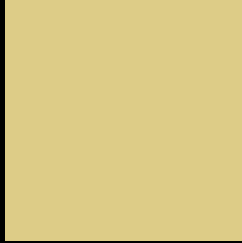
Large Text (above 18pt) WCAG AA × Fail

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, 36.725, 95.948 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, 36.725, 95.948

Background



This preview shows how black text looks on a background with the CIELCh color 82, 36.725, 95.948.



This preview shows how white text looks on a background with the CIELCh color 82, 36.725, 95.948.

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, 36.725, 95.948

Protanopia

82, 36.725, 95.948

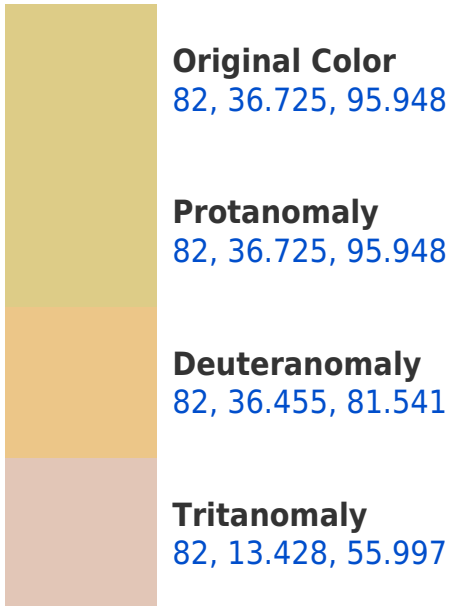
Deuteranopia

82, 37.169, 74.063



Tritanopia
82, 14.806, 348.270

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 36.725, 95.948 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(221, 204, 135)` looks like.

```
.text, #text, p{  
    color:rgb(221, 204, 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(221, 204, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 204, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 36.725, 95.948 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(221, 204, 135) }
```

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

```
.border{ border-color:rgb(221, 204, 135) }
```

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

Here you see how a box with a 4 pixel rgb(221, 204, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 204, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 204, 135);  
box-shadow:4px 4px 4px 4px rgb(221, 204,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 36.725, 95.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 204, 135) }
```

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

```
.background{ background-color: rgb(221,  
204, 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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