

Converting Colors

CIELCh(81, 35.051, 91.947)

Have a look what the booklet for
CIELCh(81, 35.051, 91.947) contains.

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Color

CIELCh(81, 35.350, 92.175)

Conversions

Conversions Part 1

Format	Color
Hex	DEC887
RGB	222, 200, 135
RGB Percent	87%, 78%, 53%
CMY	0.1301, 0.2164, 0.4712
CMYK	0.00, 0.10, 0.39, 0.13
HSL	45°, 57%, 70%
HSV	45°, 39%, 87%
XYZ	55.0418, 58.4711, 31.2443
YIQ	199.1680, 33.9770, -15.5510

Conversions

Conversions Part 2

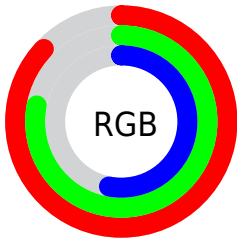
Format	Color
RYB	164, 222, 135
Decimal	14600327
CIELab	81.00, -1.34, 35.32
CIElCh	81, 35.350, 92.175
Yxy	58.4711, 0.3802, 0.4039
Android (android.graphics.Color)	4292790407 (0xFFDEC887)
YUV	199.1680, -31.6348, 20.0237
Hunter-Lab	76.4664, -5.3290, 29.3005

Details

The CIELCh color **81, 35.350, 92.175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 36.429, 283.291**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **61, 35.302, 92.305** is the 20% darker color. If you saturate the color by 10%, you get **79, 44.355, 90.858**, and if you desaturate by 10%, it is **83, 26.254, 93.469**.

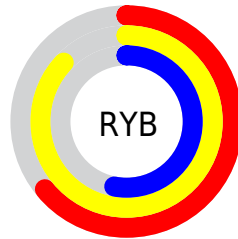
Distribution



Red (87%)

Green (78%)

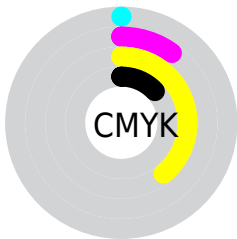
Blue (53%)



Red (64%)

Yellow (87%)

Blue (53%)

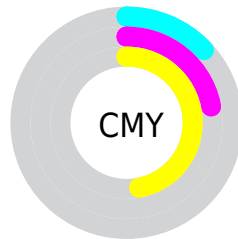


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 35.350, 92.175 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, 35.350, 92.175 by changing the saturation by 10% instead.

■ 81, 35.350, 92.175

■ 81, 35.350, 92.175

■ 100, 35.350,
92.175

■ 71, 35.350, 92.175

■ 61, 35.350, 92.175

■ 51, 35.350, 92.175

■ 41, 35.350, 92.175

■ 31, 35.350, 92.175

■ 21, 35.350, 92.175

■ 11, 35.350, 92.175

■ 1, 35.350, 92.175

■ 0, 35.350, 92.175

81, 35.350, 92.175

81, 35.350, 92.175

79, 44.355, 90.858

83, 26.254, 93.469

78, 53.061, 89.504

85, 17.178, 94.724

76, 61.109, 88.100

87, 8.183, 95.933

74, 67.927, 86.609

89, 0.704, 277.426

73, 72.751, 84.950

91, 9.471, 278.291

71, 75.162, 83.038

92, 11.720,
271.479

71, 75.321, 82.886

94, 9.948, 254.986

95, 9.257, 234.073

97, 9.860, 213.087

Harmonies

Complementary

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



81, 35.350, 92.175



65, 36.429, 283.291

Rectangle

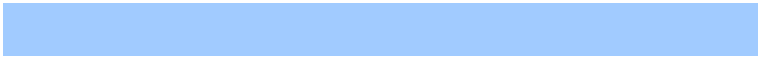
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 35.350, 92.175



81, 35.350, 142.175



81, 35.350, 272.175



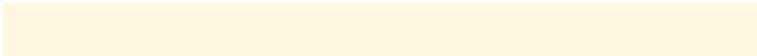
81, 35.350, 322.175

Sweetspot

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



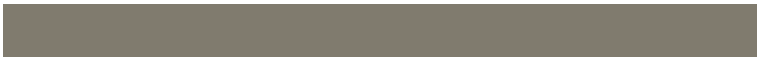
81, 35.351, 92.179



97, 11.959, 95.591



66, 36.205, 3.120



52, 7.939, 95.433



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, 35.351, 92.179



90, 47.450, 91.105



85, 45.245, 116.746



45, 4.996, 95.908



57, 62.753, 83.268



14, 20.756, 86.480

Inverse Universe

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



65, 36.429, 283.291



69, 49.453, 285.132



61, 49.477, 302.525



43, 5.033, 278.243



26, 81.942, 300.350



4, 24.485, 288.563

Previews

White Background



This preview shows how the CIELCh color 81, 35.350, 92.175 looks on a white background.

Color Contrast Check

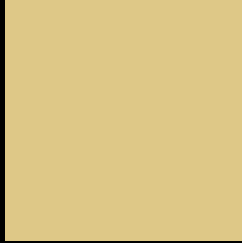
Large Text (above 18pt) WCAG AA × Fail

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, 35.350, 92.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

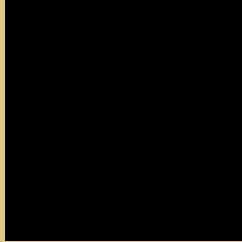
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 35.350, 92.175

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.350, 92.175.



This preview shows how white text looks on a background with the CIELCh color 81, 35.350, 92.175.

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, 35.350, 92.175

Protanopia

81, 35.311, 95.595

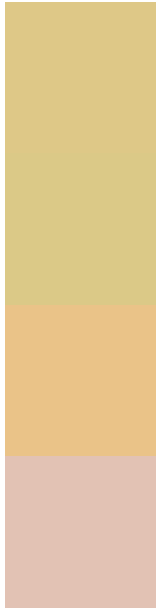
Deuteranopia

81, 36.394, 73.254



Tritanopia
81, 16.138, 351.297

Trichromacy



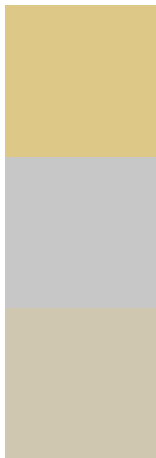
Original Color
81, 35.350, 92.175

Protanomaly
81, 35.402, 94.938

Deuteranomaly
81, 35.347, 80.003

Tritanomaly
81, 14.502, 50.753

Monochromacy



Original Color
81, 35.350, 92.175

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.557, 94.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.350, 92.175 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, 200, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 200, 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(222, 200, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 200, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.350, 92.175 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, 200, 135) }
```

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

```
.border{ border-color:rgb(222, 200, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 200, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 200, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 200, 135); box-shadow:4px 4px 4px 4px rgb(222, 200, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.350, 92.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 200, 135) }
```

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

```
.background{ background-color: rgb(222,  
200, 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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