

Converting Colors

CIELCh(82, 24.670, 91.012)

Have a look what the booklet for
CIELCh(82, 24.670, 91.012) contains.

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Color

CIELCh(82, 24.769, 91.176)

Conversions

Conversions Part 1

Format	Color
Hex	DDCB9E
RGB	221, 203, 158
RGB Percent	87%, 80%, 62%
CMY	0.1349, 0.2054, 0.3818
CMYK	0.00, 0.08, 0.29, 0.13
HSL	43°, 48%, 74%
HSV	43°, 29%, 87%
XYZ	57.1050, 60.2982, 40.8114
YIQ	203.2520, 25.1730, -10.1790

Conversions

Conversions Part 2

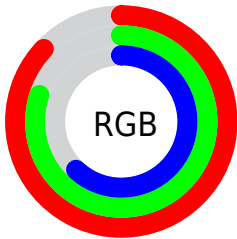
Format	Color
RYB	183, 221, 158
Decimal	14535582
CIELab	82.00, -0.51, 24.76
CIELCh	82, 24.769, 91.176
Yxy	60.2982, 0.3609, 0.3811
Android (android.graphics.Color)	4292725662 (0xFFDDCB9E)
YUV	203.2520, -22.3092, 15.5650
Hunter-Lab	77.6519, -4.6225, 23.1954

Details

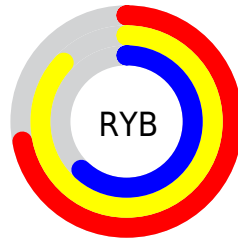
The CIELCh color **82, 24.769, 91.176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 25.008, 279.007**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **62, 24.903, 91.394** is the 20% darker color. If you saturate the color by 10%, you get **80, 33.632, 89.859**, and if you desaturate by 10%, it is **84, 15.977, 92.465**.

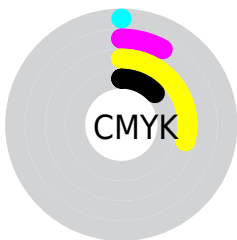
Distribution



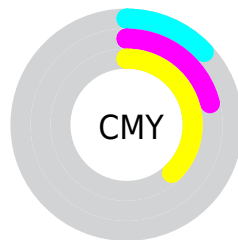
- Red (87%)
- Green (80%)
- Blue (62%)



- Red (72%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (29%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 24.769, 91.176 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, 24.769, 91.176 by changing the saturation by 10% instead.

 82, 24.769, 91.176

 82, 24.769, 91.176

 100, 24.769,
91.176

 72, 24.769, 91.176

 62, 24.769, 91.176

 52, 24.769, 91.176

 42, 24.769, 91.176

 32, 24.769, 91.176

 22, 24.769, 91.176

 12, 24.769, 91.176

 2, 24.769, 91.176

 0, 24.769, 91.176

82, 24.769, 91.176

82, 24.769, 91.176

80, 33.632, 89.859

84, 15.977, 92.465

78, 42.465, 88.499

86, 7.299, 93.696

76, 51.088, 87.097

88, 1.244, 275.110

74, 59.175, 85.631

90, 9.647, 276.108

73, 66.180, 84.051

92, 11.612,
267.962

71, 71.334, 82.259

94, 9.923, 248.466

69, 74.071, 80.138

96, 9.683, 225.055

69, 74.400, 79.823

97, 10.960,
204.093

98, 11.606,
198.731

Harmonies

Complementary

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



82, 24.769, 91.176



72, 25.008, 279.007

Rectangle

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



82, 24.769, 91.176



82, 24.769, 141.176



82, 24.769, 271.176



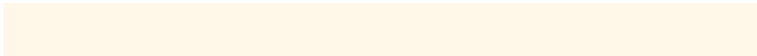
82, 24.769, 321.176

Sweetspot

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



82, 24.770, 91.182



98, 8.651, 93.633



71, 26.171, 359.084



52, 6.019, 93.456



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, 24.770, 91.182



92, 33.297, 90.428



86, 32.927, 116.034



45, 4.830, 93.590



55, 62.221, 80.254



14, 20.196, 83.400

Inverse Universe

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



72, 25.008, 279.007



78, 33.718, 280.108



68, 35.089, 300.346



43, 4.852, 275.985



27, 78.350, 298.894



4, 23.765, 287.404

Previews

White Background



This preview shows how the CIELCh color 82, 24.769, 91.176 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, 24.769, 91.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

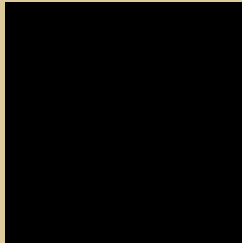
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 24.769, 91.176

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.769, 91.176.



This preview shows how white text looks on a background with the CIELCh color 82, 24.769, 91.176.

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, 24.769, 91.176

Protanopia

82, 24.823, 95.022

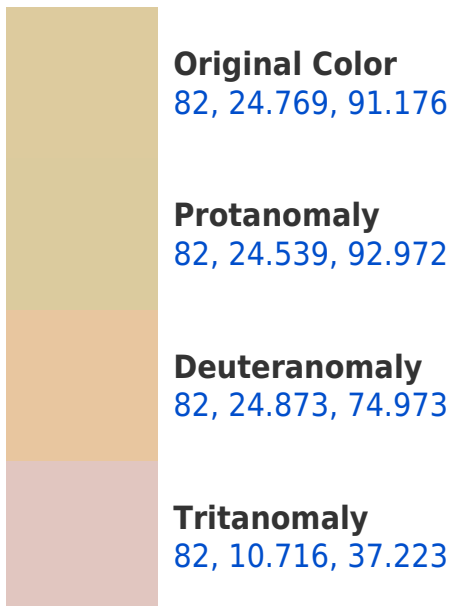
Deuteranopia

82, 26.387, 67.289



Tritanopia
82, 14.476, 344.831

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.769, 91.176 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, 203, 158)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 158)  
}
```

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, 203, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.769, 91.176 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, 203, 158) }
```

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

```
.border{ border-color:rgb(221, 203, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 203, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 203, 158); box-shadow:4px 4px 4px 4px rgb(221, 203, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.769, 91.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 158) }
```

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

```
.background{ background-color: rgb(221,  
203, 158) }
```

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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