

Converting Colors

CIELCh(81, 25.087, 92.547)

Have a look what the booklet for
CIELCh(81, 25.087, 92.547) contains.

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Color

CIELCh(81, 25.226, 92.280)

Conversions

Conversions Part 1

Format	Color
Hex	D9C89A
RGB	217, 200, 154
RGB Percent	85%, 78%, 60%
CMY	0.1485, 0.2152, 0.3956
CMYK	0.00, 0.08, 0.29, 0.15
HSL	44°, 45%, 73%
HSV	44°, 29%, 85%
XYZ	55.1758, 58.4711, 38.9995
YIQ	199.8390, 24.8980, -10.7020

Conversions

Conversions Part 2

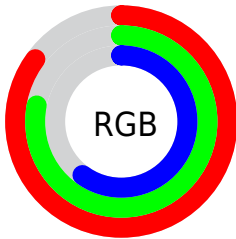
Format	Color
RYB	177, 217, 154
Decimal	14272666
CIELab	81.00, -1.00, 25.21
CIElCh	81, 25.226, 92.280
Yxy	58.4711, 0.3615, 0.3830
Android (android.graphics.Color)	4292462746 (0xFFD9C89A)
YUV	199.8390, -22.5986, 15.0502
Hunter-Lab	76.4664, -5.0161, 23.2873

Details

The CIELCh color **81, 25.226, 92.280** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 25.599, 280.165**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **61, 24.868, 92.280** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.066, 90.979**, and if you desaturate by 10%, it is **83, 16.432, 93.555**.

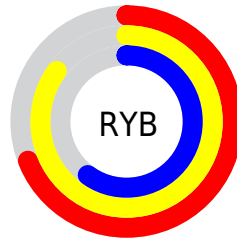
Distribution



Red (85%)

Green (78%)

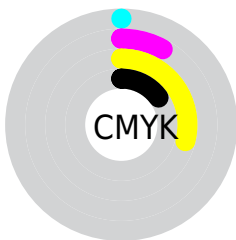
Blue (60%)



Red (69%)

Yellow (85%)

Blue (60%)

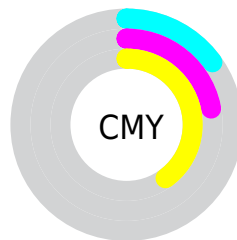


Cyan (0%)

Magenta (8%)

Yellow (29%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 25.226, 92.280 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, 25.226, 92.280 by changing the saturation by 10% instead.

■ 81, 25.226, 92.280

■ 81, 25.226, 92.280

■ 100, 25.226,
92.280

■ 71, 25.226, 92.280

■ 61, 25.226, 92.280

■ 51, 25.226, 92.280

■ 41, 25.226, 92.280

■ 31, 25.226, 92.280

■ 21, 25.226, 92.280

■ 11, 25.226, 92.280

■ 1, 25.226, 92.280

■ 0, 25.226, 92.280

81, 25.226, 92.280

81, 25.226, 92.280

79, 34.066, 90.979

83, 16.432, 93.555

77, 42.846, 89.638

85, 7.733, 94.775

76, 51.375, 88.258

87, 0.845, 276.244

74, 59.315, 86.821

89, 9.295, 277.161

72, 66.115, 85.282

91, 13.801,
273.885

71, 71.018, 83.551

92, 11.741,
259.757

69, 73.567, 81.533

69, 73.781, 81.332

94, 10.629,
241.429

95, 10.743,
221.465

97, 12.028,
203.995

Harmonies

Complementary

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



81, 25.226, 92.280



70, 25.599, 280.165

Rectangle

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



81, 25.226, 92.280



81, 25.226, 142.280



81, 25.226, 272.280



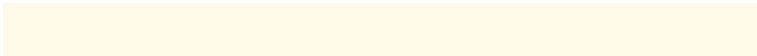
81, 25.226, 322.280

Sweetspot

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



81, 25.227, 92.286



98, 8.792, 94.768



70, 26.120, 0.330



52, 6.117, 94.593



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, 25.227, 92.286



92, 34.770, 91.467



84, 33.105, 116.701



45, 4.909, 94.726



56, 62.452, 81.712



14, 20.458, 84.906

Inverse Universe

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



70, 25.599, 280.165



77, 35.449, 281.376



67, 35.284, 300.952



43, 4.938, 277.092



27, 80.098, 299.618



4, 24.118, 287.982

Previews

White Background



This preview shows how the CIELCh color 81, 25.226, 92.280 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 81, 25.226, 92.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

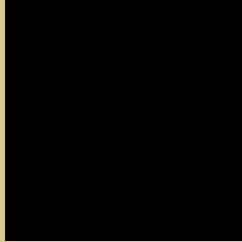
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 25.226, 92.280

Background



This preview shows how black text looks on a background with the CIELCh color 81, 25.226, 92.280.



This preview shows how white text looks on a background with the CIELCh color 81, 25.226, 92.280.

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, 25.226, 92.280

Protanopia

81, 25.401, 95.176

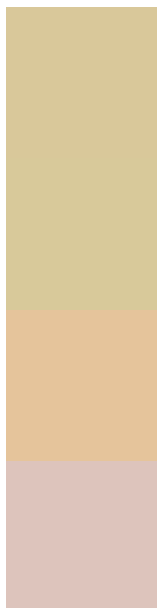
Deuteranopia

81, 26.479, 67.242



Tritanopia
81, 13.908, 345.701

Trichromacy



Original Color
81, 25.226, 92.280

Protanomaly
81, 25.497, 94.291

Deuteranomaly
81, 25.612, 76.818

Tritanomaly
81, 10.423, 43.896

Monochromacy



Original Color
81, 25.226, 92.280

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.273, 95.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 25.226, 92.280 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(217, 200, 154)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 154)  
}
```

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(217, 200, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 25.226, 92.280 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(217, 200, 154) }
```

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

```
.border{ border-color:rgb(217, 200, 154) }
```

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

Here you see how a box with a 4 pixel rgb(217, 200, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 200, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 200, 154);  
box-shadow:4px 4px 4px 4px rgb(217, 200,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 25.226, 92.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 200, 154) }
```

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

```
.background{ background-color: rgb(217,  
200, 154) }
```

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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