

Converting Colors

CIELCh(82, 14.102, 83.051)

Have a look what the booklet for
CIELCh(82, 14.102, 83.051) contains.

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Color

CIELCh(82, 14.101, 83.041)

Conversions

Conversions Part 1

Format	Color
Hex	DACAB2
RGB	218, 202, 178
RGB Percent	85%, 79%, 70%
CMY	0.1455, 0.2082, 0.3023
CMYK	0.00, 0.07, 0.18, 0.15
HSL	36°, 35%, 78%
HSV	36°, 18%, 85%
XYZ	58.0098, 60.2982, 50.6523
YIQ	204.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

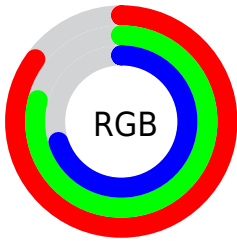
Format	Color
RYB	205, 218, 178
Decimal	14338738
CIELab	82.00, 1.71, 14.00
CIELCh	82, 14.101, 83.041
Yxy	60.2982, 0.3433, 0.3569
Android (android.graphics.Color)	4292528818 (0xFFDACAB2)
YUV	204.0480, -12.8417, 12.2359
Hunter-Lab	77.6519, -2.5425, 15.6815

Details

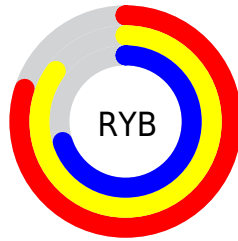
The CIELCh color $82, 14.101, 83.041$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 13.828, 268.090$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 10.630, 109.373$, and $62, 14.300, 82.927$ is the 20% darker color. If you saturate the color by 10%, you get $79, 22.122, 81.719$, and if you desaturate by 10%, it is $85, 6.317, 84.326$.

Distribution



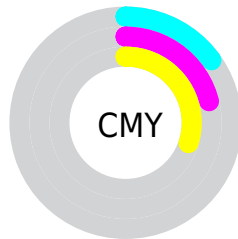
- Red (85%)
- Green (79%)
- Blue (70%)



- Red (80%)
- Yellow (85%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 14.101, 83.041 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, 14.101, 83.041 by changing the saturation by 10% instead.

 82, 14.101, 83.041

 82, 14.101, 83.041

 100, 14.101,
83.041

 72, 14.101, 83.041

 62, 14.101, 83.041

 52, 14.101, 83.041

 42, 14.101, 83.041

 32, 14.101, 83.041

 22, 14.101, 83.041

 12, 14.101, 83.041

 2, 14.101, 83.041

 0, 14.101, 83.041

82, 14.101, 83.041

82, 14.101, 83.041

79, 22.122, 81.719

85, 6.317, 84.326

77, 30.362, 80.346

87, 1.237, 265.884

74, 38.772, 78.934

90, 8.574, 266.883

72, 47.227, 77.468

93, 11.212,
256.524

69, 55.476, 75.911

95, 10.369,
227.169

67, 63.040, 74.175

65, 69.136, 72.088

97, 12.205,
200.637

63, 73.012, 69.442

97, 12.480,
198.672

63, 73.588, 69.004

Harmonies

Complementary

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



82, 14.101, 83.041



78, 13.828, 268.090

Rectangle

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



82, 14.101, 83.041



82, 14.101, 133.041



82, 14.101, 263.041



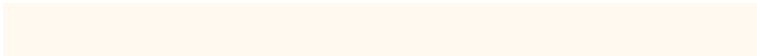
82, 14.101, 313.041

Sweetspot

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



82, 14.102, 83.051



98, 5.134, 84.601



76, 17.236, 351.151



52, 3.409, 84.524



0, 0.000, 0.000



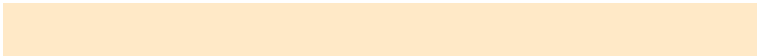
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 14.102, 83.051



93, 19.317, 82.544



86, 20.876, 112.612



45, 4.323, 84.193



51, 61.996, 69.575



12, 18.781, 71.347

Inverse Universe

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



78, 13.828, 268.090



88, 18.851, 268.743



74, 21.763, 295.806



43, 4.289, 266.734



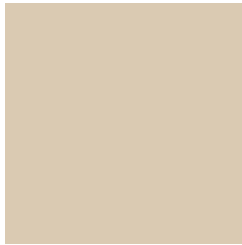
33, 65.138, 292.231



6, 20.914, 281.792

Previews

White Background



This preview shows how the CIELCh color 82, 14.101, 83.041 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, 14.101, 83.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

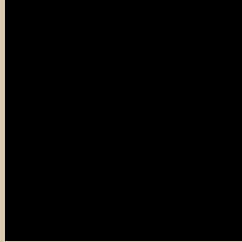
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

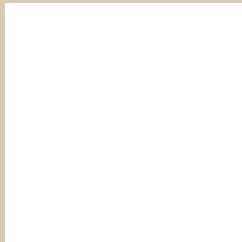
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 14.101, 83.041

Background



This preview shows how black text looks on a background with the CIELCh color 82, 14.101, 83.041.



This preview shows how white text looks on a background with the CIELCh color 82, 14.101, 83.041.

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, 14.101, 83.041

Protanopia

82, 13.226, 92.159

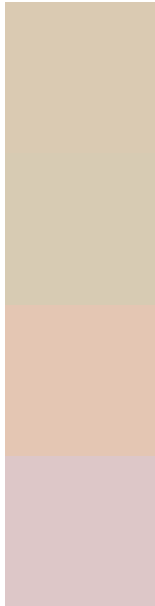
Deuteranopia

82, 17.079, 51.785



Tritanopia
82, 12.121, 339.459

Trichromacy



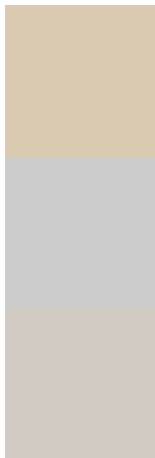
Original Color
82, 14.101, 83.041

Protanomaly
82, 13.472, 89.003

Deuteranomaly
82, 15.446, 60.287

Tritanomaly
82, 8.207, 16.300

Monochromacy



Original Color
82, 14.101, 83.041

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.760, 81.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 14.101, 83.041 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(218, 202, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 202, 178)  
}
```

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(218, 202, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 202, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 14.101, 83.041 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(218, 202, 178) }
```

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

```
.border{ border-color:rgb(218, 202, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 202, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 202, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 202, 178);  
box-shadow:4px 4px 4px 4px rgb(218, 202,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 14.101, 83.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 202, 178) }
```

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

```
.background{ background-color: rgb(218,  
202, 178) }
```

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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