

Converting Colors

CIELCh(82, 14.517, 81.306)

Have a look what the booklet for
CIELCh(82, 14.517, 81.306) contains.

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Color

CIELCh(82, 14.755, 82.494)

Conversions

Conversions Part 1

Format	Color
Hex	DBCAB1
RGB	219, 202, 177
RGB Percent	86%, 79%, 69%
CMY	0.1422, 0.2089, 0.3069
CMYK	0.00, 0.08, 0.19, 0.14
HSL	36°, 37%, 78%
HSV	36°, 19%, 86%
XYZ	58.0997, 60.2982, 50.0357
YIQ	204.2330, 18.1570, -4.1710

Conversions

Conversions Part 2

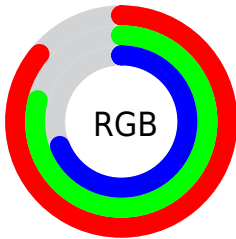
Format	Color
R _Y B	206, 219, 177
Decimal	14404273
CIE Lab	82.00, 1.93, 14.63
CIE LCh	82, 14.755, 82.494
Yxy	60.2982, 0.3449, 0.3580
Android (android.graphics.Color)	4292594353 (0xFFDBCAB1)
YUV	204.2330, -13.4259, 12.9507
Hunter-Lab	77.6519, -2.3358, 16.1523

Details

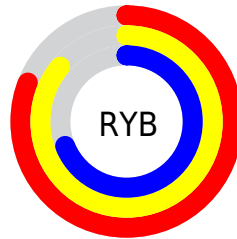
The CIELCh color $82, 14.755, 82.494$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 14.436, 267.797$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 11.136, 109.335$, and $62, 14.997, 82.305$ is the 20% darker color. If you saturate the color by 10%, you get $79, 22.797, 81.168$, and if you desaturate by 10%, it is $85, 6.956, 83.786$.

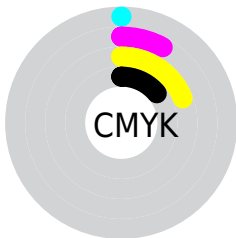
Distribution



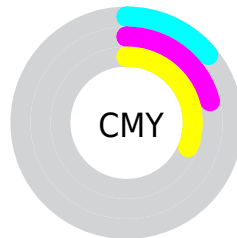
- Red (86%)
- Green (79%)
- Blue (69%)



- Red (81%)
- Yellow (86%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 14.755, 82.494 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, 14.755, 82.494 by changing the saturation by 10% instead.

 82, 14.755, 82.494

 82, 14.755, 82.494

 100, 14.755,
82.494

 72, 14.755, 82.494

 62, 14.755, 82.494

 52, 14.755, 82.494

 42, 14.755, 82.494

 32, 14.755, 82.494

 22, 14.755, 82.494

 12, 14.755, 82.494

 2, 14.755, 82.494

 0, 14.755, 82.494

■ 82, 14.755, 82.494

■ 82, 14.755, 82.494

■ 79, 22.797, 81.168

■ 85, 6.956, 83.786

■ 77, 31.064, 79.793

■ 88, 0.609, 265.610

■ 74, 39.502, 78.379

■ 90, 7.951, 266.352

■ 72, 47.982, 76.910

■ 93, 10.972,
256.566

■ 69, 56.237, 75.344

■ 95, 10.169,
226.083

■ 67, 63.766, 73.586

■ 65, 69.758, 71.453

■ 97, 12.159,
199.075

■ 63, 73.571, 68.767

■ 98, 12.214,
198.690

■ 63, 73.860, 68.554

Harmonies

Complementary

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



82, 14.755, 82.494



78, 14.436, 267.797

Rectangle

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



82, 14.755, 82.494



82, 14.755, 132.494



82, 14.755, 262.494



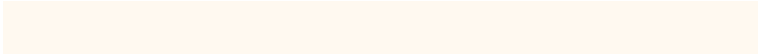
82, 14.755, 312.494

Sweetspot

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



82, 14.756, 82.504



98, 5.112, 84.164



76, 18.274, 350.204



52, 3.395, 84.087



0, 0.000, 0.000



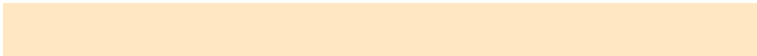
53, 0.007, 296.813

Same Dimension

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



82, 14.756, 82.504



93, 20.150, 81.974



86, 21.872, 111.843



45, 4.305, 83.756



50, 62.042, 69.138



12, 18.742, 70.810

Inverse Universe

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



78, 14.436, 267.797



87, 19.609, 268.489



74, 22.854, 295.302



43, 4.268, 266.300



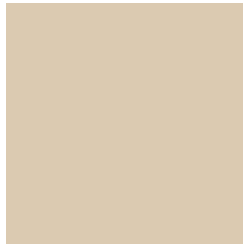
33, 64.585, 291.893



6, 20.785, 281.492

Previews

White Background



This preview shows how the CIELCh color 82, 14.755, 82.494 looks on a white background.

Color Contrast Check

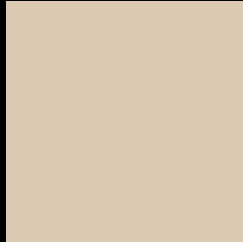
Large Text (above 18pt) WCAG AA × Fail

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, 14.755, 82.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

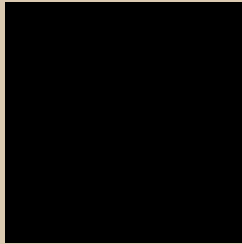
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

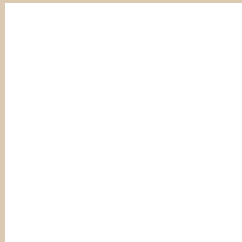
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 14.755, 82.494

Background



This preview shows how black text looks on a background with the CIELCh color 82, 14.755, 82.494.



This preview shows how white text looks on a background with the CIELCh color 82, 14.755, 82.494.

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, 14.755, 82.494

Protanopia

82, 13.847, 91.183

Deuteranopia

82, 17.392, 53.178



Tritanopia
82, 12.400, 340.608

Trichromacy



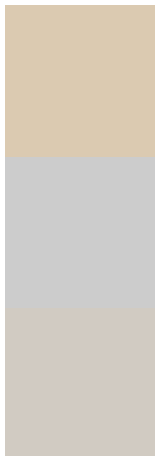
Original Color
82, 14.755, 82.494

Protanomaly
82, 14.106, 88.176

Deuteranomaly
82, 15.815, 61.646

Tritanomaly
82, 8.203, 19.973

Monochromacy



Original Color
82, 14.755, 82.494

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.235, 84.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 14.755, 82.494 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(219, 202, 177)` looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 177)  
}
```

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(219, 202, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 14.755, 82.494 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(219, 202, 177) }
```

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

```
.border{ border-color:rgb(219, 202, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 177);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 14.755, 82.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 177) }
```

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

```
.background{ background-color: rgb(219,  
202, 177) }
```

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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