

Converting Colors

CIELCh(82, 8.753, 65.858)

Have a look what the booklet for
CIELCh(82, 8.753, 65.858) contains.

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Color

CIELCh(82, 8.762, 65.853)

Conversions

Conversions Part 1

Format	Color
Hex	D9C9BD
RGB	217, 201, 189
RGB Percent	85%, 79%, 74%
CMY	0.1484, 0.2112, 0.2582
CMYK	0.00, 0.07, 0.13, 0.15
HSL	26°, 27%, 80%
HSV	26°, 13%, 85%
XYZ	58.7830, 60.2982, 56.7684
YIQ	204.4160, 13.3880, -0.3400

Conversions

Conversions Part 2

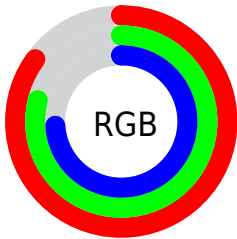
Format	Color
R _Y B	217, 210, 189
Decimal	14272957
CIE Lab	82.00, 3.58, 8.00
CIE LCh	82, 8.762, 65.853
Yxy	60.2982, 0.3343, 0.3429
Android (android.graphics.Color)	4292463037 (0xFFD9C9BD)
YUV	204.4160, -7.6001, 11.0362
Hunter-Lab	77.6519, -0.7652, 11.0116

Details

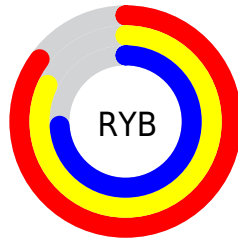
The CIELCh color $82, 8.762, 65.853$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 8.359, 248.962$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 5.059, 109.785$, and $62, 8.646, 64.925$ is the 20% darker color. If you saturate the color by 10%, you get $78, 16.024, 64.803$, and if you desaturate by 10%, it is $86, 1.908, 66.779$.

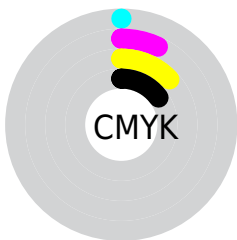
Distribution



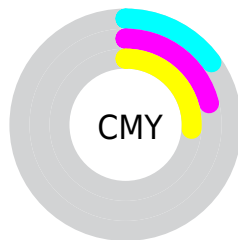
- Red (85%)
- Green (79%)
- Blue (74%)



- Red (85%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.762, 65.853 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, 8.762, 65.853 by changing the saturation by 10% instead.

 82, 8.762, 65.853

 82, 8.762, 65.853

 100, 8.762, 65.853

 72, 8.762, 65.853

 62, 8.762, 65.853

 52, 8.762, 65.853

 42, 8.762, 65.853

 32, 8.762, 65.853

 22, 8.762, 65.853

 12, 8.762, 65.853

 2, 8.762, 65.853

 0, 8.762, 65.853

82, 8.762, 65.853

82, 8.762, 65.853

78, 16.024, 64.803

86, 1.908, 66.779

75, 23.728, 63.736

89, 4.579, 248.200

71, 31.889, 62.689

93, 10.738,
249.214

68, 40.489, 61.664

96, 11.450,
209.696

65, 49.436, 60.641

62, 58.488, 59.554

97, 12.722,
198.656

59, 67.109, 58.239

56, 74.310, 56.359

55, 78.327, 54.680

Harmonies

Complementary

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



82, 8.762, 65.853



82, 8.359, 248.962

Rectangle

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



82, 8.762, 65.853



82, 8.762, 115.853



82, 8.762, 245.853



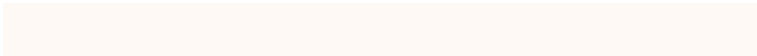
82, 8.762, 295.853

Sweetspot

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



82, 8.762, 65.870



98, 3.014, 66.722



79, 13.497, 340.397



52, 2.148, 66.666



0, 0.000, 0.000



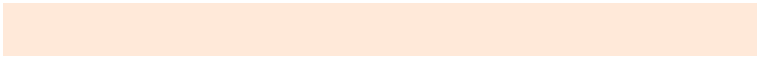
53, 0.007, 296.813

Same Dimension

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



82, 8.762, 65.870



94, 11.688, 65.633



85, 13.435, 105.261



44, 3.849, 66.229



44, 65.925, 55.297



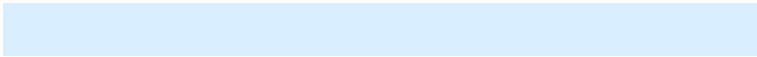
10, 18.529, 51.668

Inverse Universe

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



82, 8.359, 248.962



93, 11.047, 249.270



78, 13.765, 288.057



44, 3.724, 248.520



41, 46.592, 275.881



9, 16.170, 265.377

Previews

White Background



This preview shows how the CIELCh color 82, 8.762, 65.853 looks on a white background.

Color Contrast Check

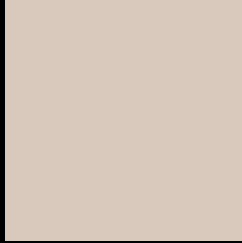
Large Text (above 18pt) WCAG AA × Fail

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, 8.762, 65.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

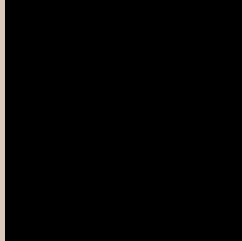
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

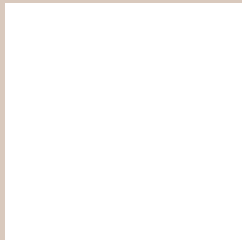
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.762, 65.853

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.762, 65.853.



This preview shows how white text looks on a background with the CIELCh color 82, 8.762, 65.853.

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, 8.762, 65.853

Protanopia

82, 7.478, 85.835

Deuteranopia

82, 12.768, 36.989



Tritanopia
82, 11.309, 335.695

Trichromacy



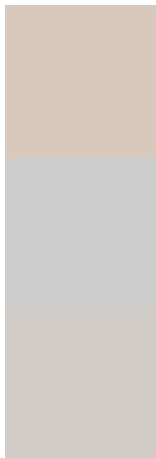
Original Color
82, 8.762, 65.853

Protanomaly
82, 7.558, 76.350

Deuteranomaly
82, 10.982, 45.553

Tritanomaly
82, 7.851, 0.321

Monochromacy



Original Color
82, 8.762, 65.853

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.202, 74.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.762, 65.853 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, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 189)  
}
```

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, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.762, 65.853 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, 201, 189) }
```

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

```
.border{ border-color:rgb(217, 201, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.762, 65.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 189) }
```

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

```
.background{ background-color: rgb(217,  
201, 189) }
```

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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