

Converting Colors

CIELCh(82, 11.435, 55.874)

Have a look what the booklet for
CIELCh(82, 11.435, 55.874) contains.

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Color

CIELCh(82, 11.158, 54.397)

Conversions

Conversions Part 1

Format	Color
Hex	DFC7BB
RGB	223, 199, 187
RGB Percent	87%, 78%, 73%
CMY	0.1244, 0.2186, 0.2656
CMYK	0.00, 0.11, 0.16, 0.12
HSL	20°, 36%, 80%
HSV	20°, 16%, 88%
XYZ	59.9965, 60.2982, 55.6366
YIQ	204.8080, 18.1560, 1.3560

Conversions

Conversions Part 2

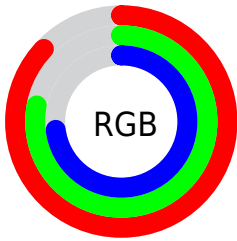
Format	Color
R _Y B	223, 205, 187
Decimal	14665659
CIE Lab	82.00, 6.50, 9.07
CIE LCh	82, 11.158, 54.397
Yxy	60.2982, 0.3410, 0.3427
Android (android.graphics.Color)	4292855739 (0xFFDFC7BB)
YUV	204.8080, -8.7793, 15.9544
Hunter-Lab	77.6519, 2.0242, 11.8758

Details

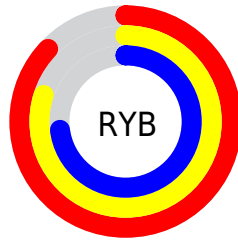
The CIELCh color **82, 11.158, 54.397** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 10.257, 237.316**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **62, 11.272, 52.998** is the 20% darker color. If you saturate the color by 10%, you get **78, 18.753, 53.714**, and if you desaturate by 10%, it is **86, 4.089, 55.096**.

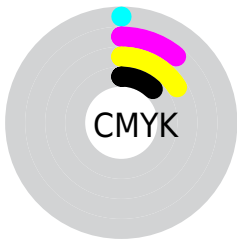
Distribution



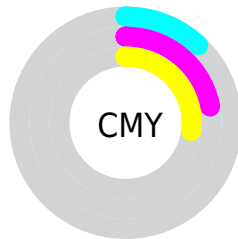
- Red (87%)
- Green (78%)
- Blue (73%)



- Red (87%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 11.158, 54.397 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, 11.158, 54.397 by changing the saturation by 10% instead.

82, 11.158, 54.397

82, 11.158, 54.397

100, 11.158,
54.397

72, 11.158, 54.397

62, 11.158, 54.397

52, 11.158, 54.397

42, 11.158, 54.397

32, 11.158, 54.397

22, 11.158, 54.397

12, 11.158, 54.397

2, 11.158, 54.397

0, 11.158, 54.397

82, 11.158, 54.397

82, 11.158, 54.397

78, 18.753, 53.714

86, 4.089, 55.096

74, 26.919, 53.077

91, 2.505, 236.238

70, 35.676, 52.523

95, 8.676, 236.907

66, 45.003, 52.061

98, 10.738,
198.790

62, 54.790, 51.671

59, 64.739, 51.268

56, 74.170, 50.623

54, 81.790, 49.260

53, 84.356, 48.696

Harmonies

Complementary

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



82, 11.158, 54.397



83, 10.257, 237.316

Rectangle

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



82, 11.158, 54.397



82, 11.158, 104.397



82, 11.158, 234.397



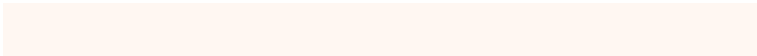
82, 11.158, 284.397

Sweetspot

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



82, 11.158, 54.411



98, 3.701, 55.154



80, 18.343, 336.811



52, 2.531, 55.117



0, 0.000, 0.000



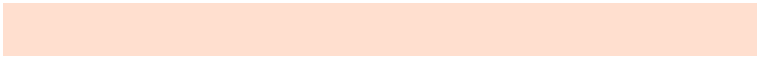
53, 0.007, 296.813

Same Dimension

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



82, 11.158, 54.411



91, 14.802, 54.197



87, 15.792, 100.527



45, 3.850, 54.883



42, 70.197, 49.261



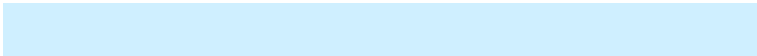
9, 20.604, 42.750

Inverse Universe

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



83, 10.257, 237.316



93, 13.371, 237.666



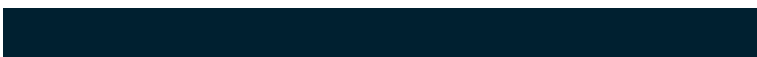
79, 16.140, 284.331



45, 3.674, 236.639



47, 39.151, 261.889



11, 14.741, 251.943

Previews

White Background



This preview shows how the CIELCh color 82, 11.158, 54.397 looks on a white background.

Color Contrast Check

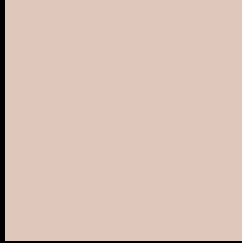
Large Text (above 18pt) WCAG AA × Fail

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, 11.158, 54.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

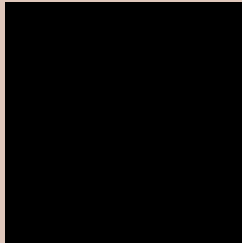
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 11.158, 54.397

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.158, 54.397.



This preview shows how white text looks on a background with the CIELCh color 82, 11.158, 54.397.

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, 11.158, 54.397

Protanopia

82, 7.967, 87.283

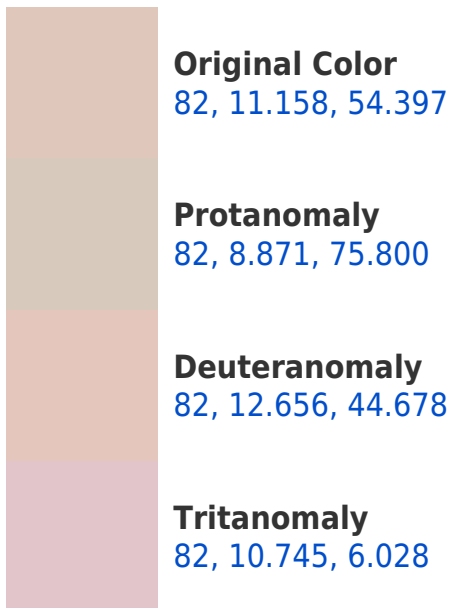
Deuteranopia

82, 13.530, 40.707

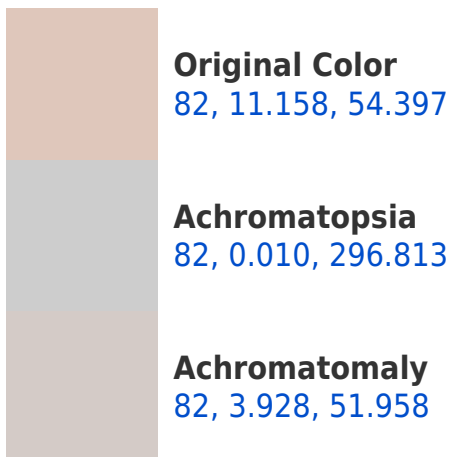


Tritanopia
82, 13.571, 344.753

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.158, 54.397 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(223, 199, 187)` looks like.

```
.text, #text, p{  
    color:rgb(223, 199, 187)  
}
```

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(223, 199, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 199, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.158, 54.397 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(223, 199, 187) }
```

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

```
.border{ border-color:rgb(223, 199, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 199, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 199, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 199, 187);  
box-shadow:4px 4px 4px 4px rgb(223, 199,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.158, 54.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 199, 187) }
```

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

```
.background{ background-color: rgb(223,  
199, 187) }
```

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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