

Converting Colors

CIELCh(82, 10.754, 89.538)

Have a look what the booklet for
CIELCh(82, 10.754, 89.538) contains.

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Color

CIELCh(82, 10.716, 88.463)

Conversions

Conversions Part 1

Format	Color
Hex	D5CBB8
RGB	213, 203, 184
RGB Percent	84%, 80%, 72%
CMY	0.1648, 0.2040, 0.2785
CMYK	0.00, 0.05, 0.14, 0.16
HSL	39°, 26%, 78%
HSV	39°, 14%, 84%
XYZ	57.4287, 60.2982, 53.9422
YIQ	203.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

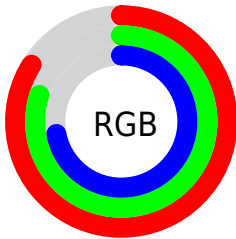
Format	Color
R _Y B	199, 213, 184
Decimal	14011320
CIE Lab	82.00, 0.29, 10.71
CIE LCh	82, 10.716, 88.463
Yxy	60.2982, 0.3345, 0.3512
Android (android.graphics.Color)	4292201400 (0xFFD5CBB8)
YUV	203.8240, -9.7732, 8.0474
Hunter-Lab	77.6519, -3.8784, 13.1695

Details

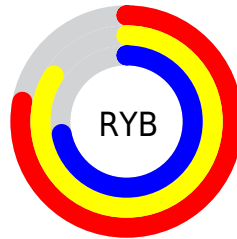
The CIELCh color $82, 10.716, 88.463$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 10.675, 272.079$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 7.593, 109.599$, and $62, 10.699, 89.006$ is the 20% darker color. If you saturate the color by 10%, you get $80, 18.804, 87.178$, and if you desaturate by 10%, it is $84, 2.808, 89.670$.

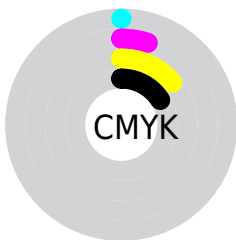
Distribution



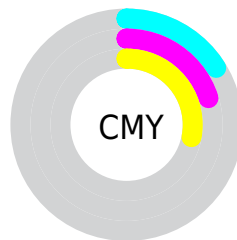
- Red (84%)
- Green (80%)
- Blue (72%)



- Red (78%)
- Yellow (84%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 10.716, 88.463 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, 10.716, 88.463 by changing the saturation by 10% instead.

■ 82, 10.716, 88.463

■ 82, 10.716, 88.463

■ 100, 10.716,
88.463

■ 72, 10.716, 88.463

■ 62, 10.716, 88.463

■ 52, 10.716, 88.463

■ 42, 10.716, 88.463

■ 32, 10.716, 88.463

■ 22, 10.716, 88.463

■ 12, 10.716, 88.463

■ 2, 10.716, 88.463

■ 0, 10.716, 88.463

82, 10.716, 88.463

82, 10.716, 88.463

80, 18.804, 87.178

84, 2.808, 89.670

77, 27.051, 85.835

87, 4.925, 271.032

75, 35.412, 84.451

89, 12.487,
272.166

73, 43.781, 83.020

91, 13.248,
261.925

71, 51.953, 81.525

69, 59.546, 79.915

93, 11.753,
241.417

67, 65.924, 78.091

95, 11.992,
218.847

65, 70.246, 75.875

64, 72.013, 74.266

97, 13.839,
199.949

97, 14.059,
198.568

Harmonies

Complementary

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



82, 10.716, 88.463



78, 10.675, 272.079

Rectangle

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



82, 10.716, 88.463



82, 10.716, 138.463



82, 10.716, 268.463



82, 10.716, 318.463

Sweetspot

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



82, 10.717, 88.475



99, 3.597, 89.627



77, 12.123, 353.858



53, 2.560, 89.546



0, 0.000, 0.000



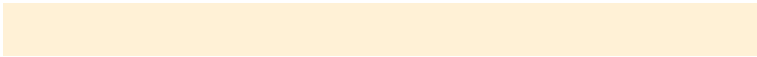
53, 0.007, 296.813

Same Dimension

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



82, 10.717, 88.475



96, 14.619, 88.150



84, 15.280, 115.048



44, 4.465, 88.999



52, 61.114, 74.759



12, 18.015, 77.393

Inverse Universe

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



78, 10.675, 272.079



90, 14.543, 272.465



76, 15.745, 297.160



42, 4.458, 271.479



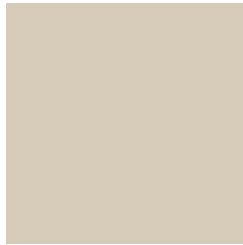
30, 70.717, 295.736



5, 20.932, 283.710

Previews

White Background



This preview shows how the CIELCh color 82, 10.716, 88.463 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, 10.716, 88.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

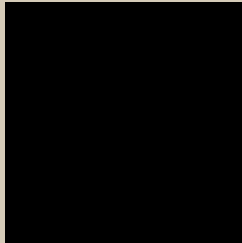
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

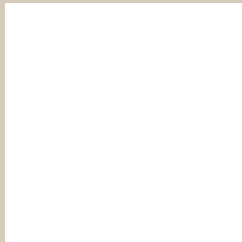
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 10.716, 88.463

Background



This preview shows how black text looks on a background with the CIELCh color 82, 10.716, 88.463.

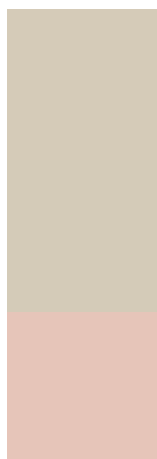


This preview shows how white text looks on a background with the CIELCh color 82, 10.716, 88.463.

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, 10.716, 88.463

Protanopia

82, 10.586, 90.404

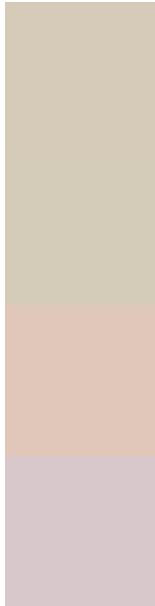
Deuteranopia

82, 14.242, 46.491



Tritanopia
82, 10.322, 329.861

Trichromacy



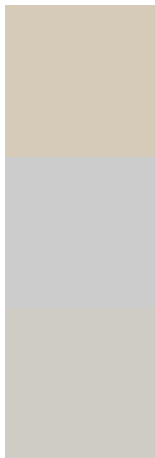
Original Color
82, 10.716, 88.463

Protanomaly
82, 10.586, 90.404

Deuteranomaly
82, 12.132, 57.310

Tritanomaly
82, 6.120, 4.799

Monochromacy



Original Color
82, 10.716, 88.463

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.844, 93.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 10.716, 88.463 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(213, 203, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 184)  
}
```

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(213, 203, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 10.716, 88.463 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(213, 203, 184) }
```

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

```
.border{ border-color:rgb(213, 203, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 203, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 10.716, 88.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 184) }
```

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

```
.background{ background-color: rgb(213,  
203, 184) }
```

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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