

Converting Colors

CIELCh(82, 3.626, 19.967)

Have a look what the booklet for
CIELCh(82, 3.626, 19.967) contains.

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Color

CIELCh(82, 3.681, 19.535)

Conversions

Conversions Part 1

Format	Color
Hex	D4CACA
RGB	212, 202, 202
RGB Percent	83%, 79%, 79%
CMY	0.1698, 0.2090, 0.2090
CMYK	0.00, 0.05, 0.05, 0.17
HSL	0°, 10%, 81%
HSV	0°, 5%, 83%
XYZ	58.7353, 60.2982, 64.2301
YIQ	204.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

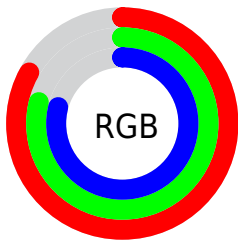
Format	Color
R _Y B	212, 202, 202
Decimal	13945546
CIE Lab	82.00, 3.47, 1.23
CIE LCh	82, 3.681, 19.535
Yxy	60.2982, 0.3205, 0.3290
Android (android.graphics.Color)	4292135626 (0xFFD4CACA)
YUV	204.9900, -1.4741, 6.1478
Hunter-Lab	77.6519, -0.8749, 5.3144

Details

The CIELCh color **82, 3.681, 19.535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 3.572, 199.336**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 3.515, 19.617** is the 20% darker color. If you saturate the color by 10%, you get **76, 11.932, 20.387**, and if you desaturate by 10%, it is **88, 3.951, 199.310**.

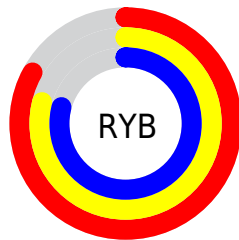
Distribution



Red (83%)

Green (79%)

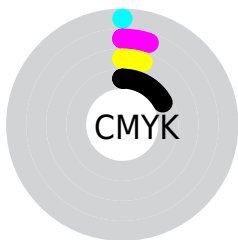
Blue (79%)



Red (83%)

Yellow (79%)

Blue (79%)

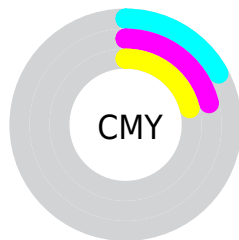


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (17%)



Cyan (17%)

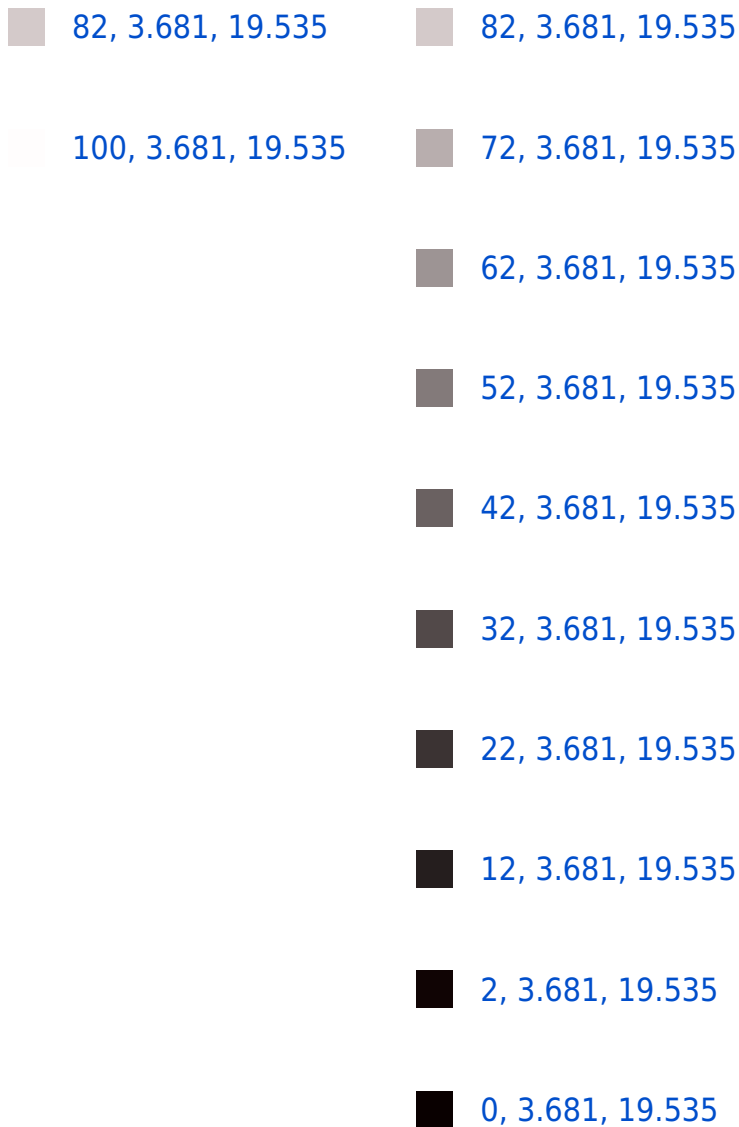
Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 3.681, 19.535 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, 3.681, 19.535 by changing the saturation by 10% instead.



82, 3.681, 19.535

82, 3.681, 19.535

76, 11.932, 20.387

88, 3.951, 199.310

70, 20.833, 21.333

94, 11.009,
198.777

65, 30.365, 22.549

97, 14.465,
198.542

60, 40.443, 24.135

55, 50.892, 26.202

51, 61.430, 28.850

48, 71.665, 32.091

46, 80.983, 35.667

45, 88.062, 38.729

Harmonies

Complementary

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



82, 3.681, 19.535



84, 3.572, 199.336

Rectangle

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



82, 3.681, 19.535



82, 3.681, 69.535



82, 3.681, 199.535



82, 3.681, 249.535

Sweetspot

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



82, 3.680, 19.565



99, 0.894, 18.758



82, 6.450, 324.658



53, 0.508, 18.716



0, 0.000, 0.000



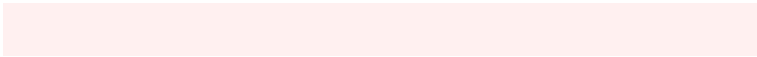
53, 0.007, 296.813

Same Dimension

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



82, 3.680, 19.565



96, 5.466, 19.686



83, 3.193, 74.729



43, 3.148, 19.731



35, 77.344, 39.903



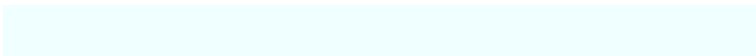
5, 21.995, 19.784

Inverse Universe

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



84, 3.572, 199.336



99, 5.262, 199.228



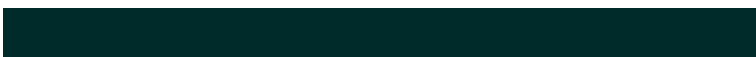
83, 3.170, 256.128



45, 3.021, 199.189



63, 37.103, 196.441



15, 14.552, 196.431

Previews

White Background



This preview shows how the CIELCh color 82, 3.681, 19.535 looks on a white background.

Color Contrast Check

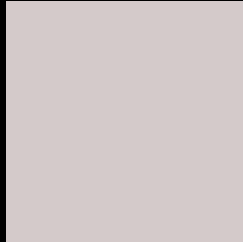
Large Text (above 18pt) WCAG AA × Fail

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, 3.681, 19.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

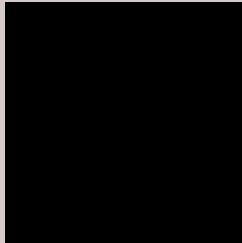
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

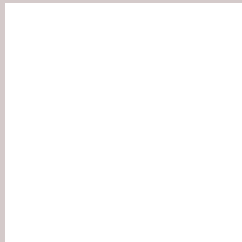
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 3.681, 19.535

Background



This preview shows how black text looks on a background with the CIELCh color 82, 3.681, 19.535.



This preview shows how white text looks on a background with the CIELCh color 82, 3.681, 19.535.

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, 3.681, 19.535

Protanopia

82, 1.901, 35.372

Deuteranopia

82, 10.511, 2.687



Tritanopia
82, 9.464, 322.967

Trichromacy



Original Color
82, 3.681, 19.535

Protanomaly
82, 2.258, 32.840

Deuteranomaly
82, 8.059, 4.803

Tritanomaly
82, 6.495, 332.651

Monochromacy



Original Color
82, 3.681, 19.535

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.096, 18.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 3.681, 19.535 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(212, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 202)  
}
```

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(212, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 3.681, 19.535 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(212, 202, 202) }
```

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

```
.border{ border-color:rgb(212, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 3.681, 19.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 202) }
```

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

```
.background{ background-color: rgb(212,  
202, 202) }
```

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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