

Converting Colors

CIELCh(82, 4.726, 19.400)

Have a look what the booklet for
CIELCh(82, 4.726, 19.400) contains.

CIELCh(82, 4.802, 19.658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(82, 4.802, 19.658)

Conversions

Conversions Part 1

Format	Color
Hex	D6C9C9
RGB	214, 201, 201
RGB Percent	84%, 79%, 79%
CMY	0.1607, 0.2117, 0.2117
CMYK	0.00, 0.06, 0.06, 0.16
HSL	0°, 14%, 81%
HSV	0°, 6%, 84%
XYZ	59.1720, 60.2982, 63.7893
YIQ	204.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

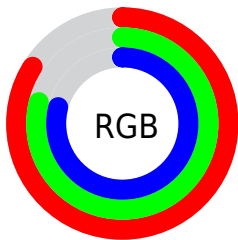
Format	Color
R _Y B	214, 201, 201
Decimal	14076361
CIE Lab	82.00, 4.52, 1.62
CIE LCh	82, 4.802, 19.658
Yxy	60.2982, 0.3229, 0.3290
Android (android.graphics.Color)	4292266441 (0xFFD6C9C9)
YUV	204.8870, -1.9163, 7.9921
Hunter-Lab	77.6519, 0.1291, 5.6509

Details

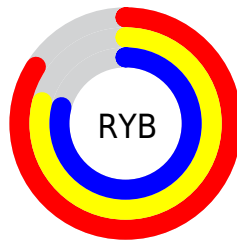
The CIELCh color **82, 4.802, 19.658** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 4.621, 199.221**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 4.709, 19.767** is the 20% darker color. If you saturate the color by 10%, you get **76, 13.215, 20.498**, and if you desaturate by 10%, it is **88, 2.981, 199.420**.

Distribution



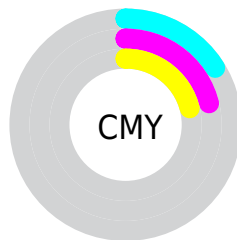
- Red (84%)
- Green (79%)
- Blue (79%)



- Red (84%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 4.802, 19.658 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, 4.802, 19.658 by changing the saturation by 10% instead.



82, 4.802, 19.658

82, 4.802, 19.658

76, 13.215, 20.498

88, 2.981, 199.420

70, 22.285, 21.476

94, 10.177,
198.829

65, 31.985, 22.738

97, 13.725,
198.590

60, 42.219, 24.385

55, 52.792, 26.529

51, 63.408, 29.265

48, 73.651, 32.581

46, 82.840, 36.157

45, 89.503, 39.047

Harmonies

Complementary

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



82, 4.802, 19.658



85, 4.621, 199.221

Rectangle

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



82, 4.802, 19.658



82, 4.802, 69.658



82, 4.802, 199.658



82, 4.802, 249.658

Sweetspot

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



82, 4.800, 19.681



99, 1.794, 19.182



82, 8.376, 324.742



53, 1.020, 19.157



0, 0.000, 0.000



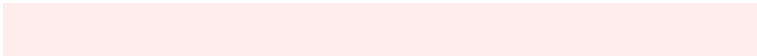
53, 0.007, 296.813

Same Dimension

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



82, 4.800, 19.681



95, 6.403, 19.764



84, 4.158, 74.591



43, 3.612, 19.802



35, 77.345, 39.902



5, 21.996, 19.781

Inverse Universe

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



85, 4.621, 199.221



99, 6.125, 199.150



83, 4.109, 256.279



45, 3.445, 199.119



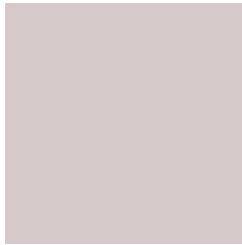
63, 37.107, 196.430



15, 14.553, 196.422

Previews

White Background



This preview shows how the CIELCh color 82, 4.802, 19.658 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, 4.802, 19.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

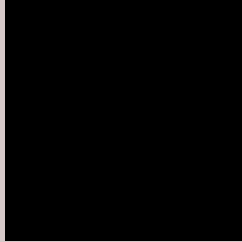
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

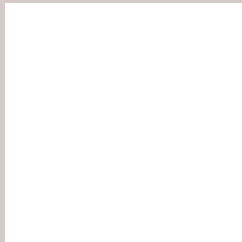
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 4.802, 19.658

Background



This preview shows how black text looks on a background with the CIELCh color 82, 4.802, 19.658.



This preview shows how white text looks on a background with the CIELCh color 82, 4.802, 19.658.

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, 4.802, 19.658

Protanopia

82, 1.901, 35.372

Deuteranopia

82, 10.380, 5.480



Tritanopia
82, 10.517, 326.475

Trichromacy



Original Color
82, 4.802, 19.658

Protanomaly
82, 2.940, 19.440

Deuteranomaly
82, 8.430, 5.514

Tritanomaly
82, 7.642, 336.106

Monochromacy



Original Color
82, 4.802, 19.658

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.462, 19.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 4.802, 19.658 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(214, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 201)  
}
```

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(214, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 4.802, 19.658 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(214, 201, 201) }
```

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

```
.border{ border-color:rgb(214, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 4.802, 19.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 201) }
```

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

```
.background{ background-color: rgb(214,  
201, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor