

Converting Colors

CIELCh(82, 3.579, 104.647)

Have a look what the booklet for
CIELCh(82, 3.579, 104.647) contains.

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Color

CIELCh(82, 3.707, 104.119)

Conversions

Conversions Part 1

Format	Color
Hex	CDCCC5
RGB	205, 204, 197
RGB Percent	80%, 80%, 77%
CMY	0.1955, 0.1994, 0.2268
CMYK	0.00, 0.00, 0.04, 0.20
HSL	53°, 7%, 79%
HSV	53°, 4%, 80%
XYZ	56.9443, 60.2982, 61.5523
YIQ	203.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

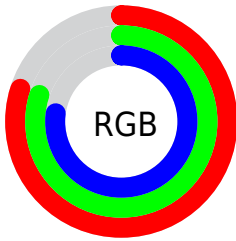
Format	Color
RYB	198, 205, 197
Decimal	13487301
CIELab	82.00, -0.90, 3.60
CIElCh	82, 3.707, 104.119
Yxy	60.2982, 0.3185, 0.3372
Android (android.graphics.Color)	4291677381 (0xFFC0CC5)
YUV	203.5010, -3.2050, 1.3146
Hunter-Lab	77.6519, -4.9917, 7.3590

Details

The CIELCh color **82, 3.707, 104.119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 3.749, 285.036**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **62, 3.926, 103.991** is the 20% darker color. If you saturate the color by 10%, you get **81, 13.260, 103.095**, and if you desaturate by 10%, it is **83, 5.812, 285.236**.

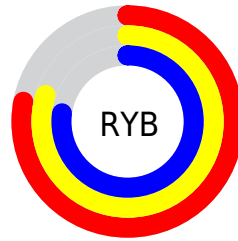
Distribution



Red (80%)

Green (80%)

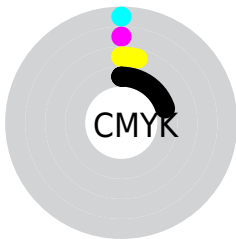
Blue (77%)



Red (78%)

Yellow (80%)

Blue (77%)

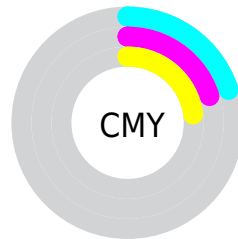


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 3.707, 104.119 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, 3.707, 104.119 by changing the saturation by 10% instead.

■ 82, 3.707, 104.119

■ 82, 3.707, 104.119

■ 100, 3.707,
104.119

■ 72, 3.707, 104.119

■ 62, 3.707, 104.119

■ 52, 3.707, 104.119

■ 42, 3.707, 104.119

■ 32, 3.707, 104.119

■ 22, 3.707, 104.119

■ 12, 3.707, 104.119

■ 2, 3.707, 104.119

■ 0, 3.707, 104.119

82, 3.707, 104.119

82, 3.707, 104.119

81, 13.260,
103.095

83, 5.812, 285.236

80, 22.804,
102.003

84, 15.278,
286.226

79, 32.273,
100.895

86, 22.749,
286.554

78, 41.557, 99.783

86, 21.453,
283.830

77, 50.470, 98.684

87, 20.211,
280.778

76, 58.716, 97.610

88, 19.034,
277.353

75, 65.843, 96.575

74, 71.265, 95.584

88, 17.932,
273.509

74, 74.422, 94.625

89, 16.920,
269.201

■ 90, 16.014,
264.395

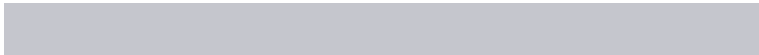
Harmonies

Complementary

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



82, 3.707, 104.119



80, 3.749, 285.036

Rectangle

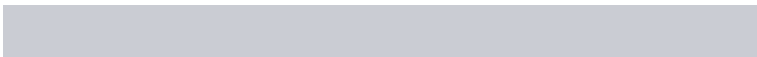
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 3.707, 104.119



82, 3.707, 154.119



82, 3.707, 284.119



82, 3.707, 334.119

Sweetspot

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



82, 3.709, 104.143



100, 1.125, 104.354



80, 3.009, 8.612



53, 0.639, 104.352



0, 0.000, 0.000



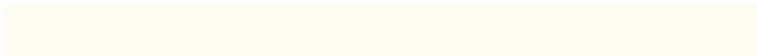
53, 0.007, 296.813

Same Dimension

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



82, 3.709, 104.143



99, 5.677, 104.028



82, 4.368, 124.102



43, 3.225, 103.969



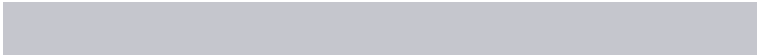
60, 64.467, 94.193



13, 19.064, 97.866

Inverse Universe

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



80, 3.749, 285.036



96, 5.742, 285.159



80, 4.414, 304.465



41, 3.263, 285.221



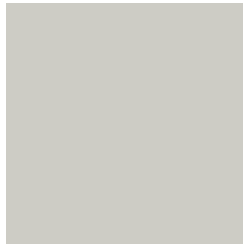
21, 90.361, 304.320



2, 21.498, 289.221

Previews

White Background



This preview shows how the CIELCh color 82, 3.707, 104.119 looks on a white background.

Color Contrast Check

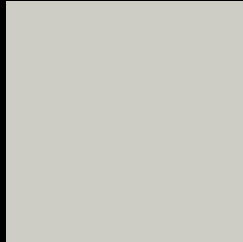
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 3.707, 104.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

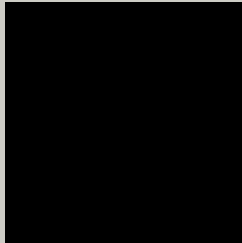
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

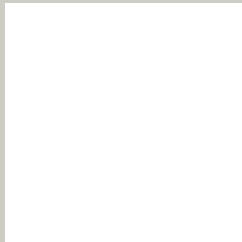
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 3.707, 104.119

Background



This preview shows how black text looks on a background with the CIELCh color 82, 3.707, 104.119.

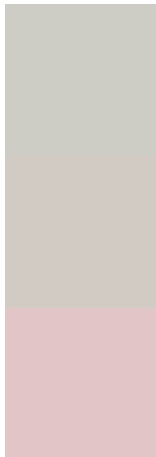


This preview shows how white text looks on a background with the CIELCh color 82, 3.707, 104.119.

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, 3.707, 104.119

Protanopia

82, 4.297, 78.614

Deuteranopia

82, 10.523, 14.446



Tritanopia
82, 8.886, 307.195

Trichromacy



Original Color
82, 3.707, 104.119

Protanomaly
82, 4.119, 83.073

Deuteranomaly
82, 6.787, 28.760

Tritanomaly
82, 4.638, 313.432

Monochromacy



Original Color
82, 3.707, 104.119

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.048, 110.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 3.707, 104.119 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(205, 204, 197)` looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 197)  
}
```

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(205, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 3.707, 104.119 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(205, 204, 197) }
```

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

```
.border{ border-color:rgb(205, 204, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 197);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 3.707, 104.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 197) }
```

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

```
.background{ background-color: rgb(205,  
204, 197) }
```

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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