

Converting Colors

CIELCh(82, 9.499, 103.050)

Have a look what the booklet for
CIELCh(82, 9.499, 103.050) contains.

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Color

CIELCh(82, 9.516, 104.790)

Conversions

Conversions Part 1

Format	Color
Hex	CFCDBB
RGB	207, 205, 187
RGB Percent	81%, 80%, 73%
CMY	0.1895, 0.1973, 0.2679
CMYK	0.00, 0.01, 0.10, 0.19
HSL	54°, 17%, 77%
HSV	54°, 10%, 81%
XYZ	56.3285, 60.2982, 55.5026
YIQ	203.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

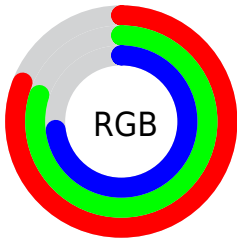
Format	Color
RYB	189, 207, 187
Decimal	13618619
CIELab	82.00, -2.43, 9.20
CIELCh	82, 9.516, 104.790
Yxy	60.2982, 0.3272, 0.3503
Android (android.graphics.Color)	4291808699 (0xFFCFCDBB)
YUV	203.5460, -8.1572, 3.0292
Hunter-Lab	77.6519, -6.4073, 11.9781

Details

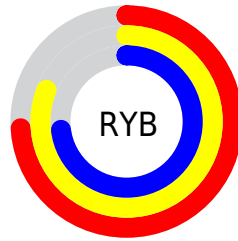
The CIELCh color $82, 9.516, 104.790$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.689, 286.896$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 6.073, 109.711$, and $62, 9.512, 104.268$ is the 20% darker color. If you saturate the color by 10%, you get $81, 19.361, 103.744$, and if you desaturate by 10%, it is $83, 0.330, 286.179$.

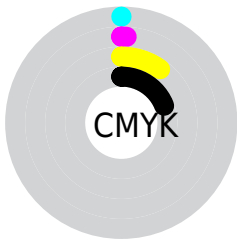
Distribution



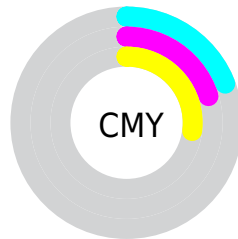
- Red (81%)
- Green (80%)
- Blue (73%)



- Red (74%)
- Yellow (81%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.516, 104.790 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, 9.516, 104.790 by changing the saturation by 10% instead.

■ 82, 9.516, 104.790

■ 82, 9.516, 104.790

■ 100, 9.516,
104.790

■ 72, 9.516, 104.790

■ 62, 9.516, 104.790

■ 52, 9.516, 104.790

■ 42, 9.516, 104.790

■ 32, 9.516, 104.790

■ 22, 9.516, 104.790

■ 12, 9.516, 104.790

■ 2, 9.516, 104.790

■ 0, 9.516, 104.790

82, 9.516, 104.790

82, 9.516, 104.790

81, 19.361,
103.744

83, 0.330, 286.179

80, 29.140,
102.669

84, 10.149,
286.866

79, 38.760,
101.592

85, 19.916,
287.828

78, 48.062,
100.529

86, 22.143,
286.687

78, 56.790, 99.496

87, 21.093,
284.460

77, 64.554, 98.515

87, 20.078,
282.013

76, 70.816, 97.601

88, 19.104,
279.321

76, 74.990, 96.762

75, 77.007, 95.980

88, 18.175,
276.357

■ 89, 17.299,
273.095

Harmonies

Complementary

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



82, 9.516, 104.790



77, 9.689, 286.896

Rectangle

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



82, 9.516, 104.790



82, 9.516, 154.790



82, 9.516, 284.790



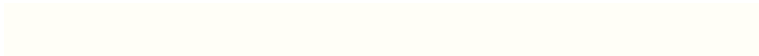
82, 9.516, 334.790

Sweetspot

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



82, 9.518, 104.800



100, 3.490, 105.467



77, 7.590, 11.887



53, 2.648, 105.391



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, 9.518, 104.800



99, 14.005, 104.542



82, 10.985, 125.036



44, 5.635, 104.827



62, 66.205, 96.063



14, 21.116, 99.092

Inverse Universe

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



77, 9.689, 286.896



91, 14.314, 287.195



77, 11.170, 305.982



41, 5.735, 286.866



21, 93.086, 304.847



2, 23.784, 290.792

Previews

White Background



This preview shows how the CIELCh color 82, 9.516, 104.790 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, 9.516, 104.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

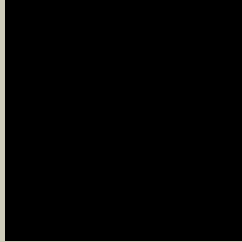
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

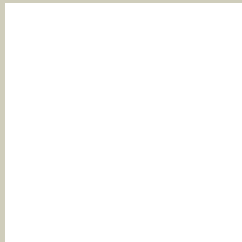
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 9.516, 104.790

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.516, 104.790.



This preview shows how white text looks on a background with the CIELCh color 82, 9.516, 104.790.

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

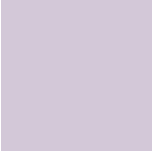
82, 9.516, 104.790

Protanopia

82, 9.588, 88.524

Deuteranopia

82, 13.163, 41.281



Tritanopia
82, 9.407, 315.624

Trichromacy



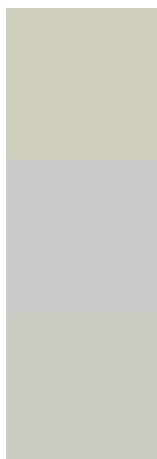
Original Color
82, 9.516, 104.790

Protanomaly
82, 9.752, 95.864

Deuteranomaly
82, 10.206, 58.066

Tritanomaly
82, 3.029, 347.831

Monochromacy



Original Color
82, 9.516, 104.790

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.693, 109.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.516, 104.790 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(207, 205, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 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(207, 205, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.516, 104.790 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(207, 205, 187) }
```

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

```
.border{ border-color:rgb(207, 205, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 205, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.516, 104.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 187) }
```

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

```
.background{ background-color: rgb(207,  
205, 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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