

Converting Colors

CIELCh(82, 7.774, 122.394)

Have a look what the booklet for
CIELCh(82, 7.774, 122.394) contains.

CIELCh(82, 7.632, 123.589)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 7.632, 123.589)

Conversions

Conversions Part 1

Format	Color
Hex	C9CEC0
RGB	201, 206, 192
RGB Percent	79%, 81%, 75%
CMY	0.2122, 0.1925, 0.2474
CMYK	0.02, 0.00, 0.07, 0.19
HSL	81°, 12%, 78%
HSV	81°, 7%, 81%
XYZ	55.6102, 60.2982, 58.5187
YIQ	202.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

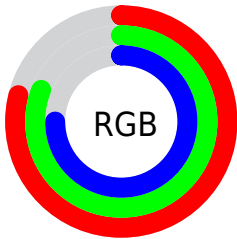
Format	Color
RYB	192, 206, 197
Decimal	13225664
CIELab	82.00, -4.22, 6.36
CIELCh	82, 7.632, 123.589
Yxy	60.2982, 0.3188, 0.3457
Android (android.graphics.Color)	4291415744 (0xFFC9CEC0)
YUV	202.9090, -5.3781, -1.6742
Hunter-Lab	77.6519, -8.0587, 9.6752

Details

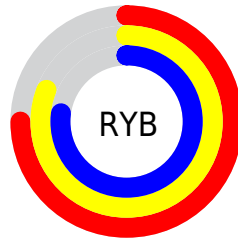
The CIELCh color $82, 7.632, 123.589$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 7.739, 304.288$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 3.539, 109.892$, and $62, 7.538, 124.532$ is the 20% darker color. If you saturate the color by 10%, you get $81, 18.864, 123.057$, and if you desaturate by 10%, it is $83, 3.603, 304.078$.

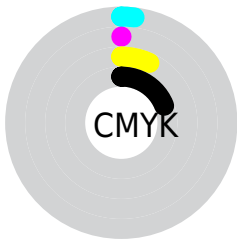
Distribution



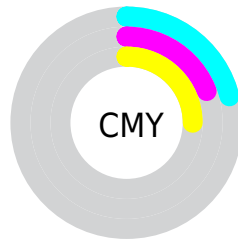
- Red (79%)
- Green (81%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 7.632, 123.589 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, 7.632, 123.589 by changing the saturation by 10% instead.

■ 82, 7.632, 123.589

■ 82, 7.632, 123.589

■ 100, 7.632,
123.589

■ 72, 7.632, 123.589

■ 62, 7.632, 123.589

■ 52, 7.632, 123.589

■ 42, 7.632, 123.589

■ 32, 7.632, 123.589

■ 22, 7.632, 123.589

■ 12, 7.632, 123.589

■ 2, 7.632, 123.589

■ 0, 7.632, 123.589

82, 7.632, 123.589

82, 7.632, 123.589

81, 18.864,
123.057

83, 3.603, 304.078

80, 30.011,
122.511

84, 14.793,
304.574

79, 40.965,
121.978

85, 25.899,
305.024

78, 51.564,
121.489

86, 27.215,
309.890

78, 61.570,
121.095

87, 28.059,
314.865

77, 70.637,
120.875


87, 29.098,
319.583

77, 78.308,
120.932

88, 30.316,
324.007

76, 84.093,
121.385

88, 30.786,
325.496

 76, 87.726,
122.311

Harmonies

Complementary

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



82, 7.632, 123.589



78, 7.739, 304.288

Rectangle

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



82, 7.632, 123.589



82, 7.632, 173.589



82, 7.632, 303.589



82, 7.632, 353.589

Sweetspot

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



82, 7.634, 123.596



100, 2.662, 123.865



80, 4.261, 57.073



53, 1.513, 123.872



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, 7.634, 123.596



99, 10.686, 123.526



81, 8.648, 139.987



43, 6.323, 123.457



62, 75.319, 122.404



13, 23.377, 124.591

Inverse Universe

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



78, 7.739, 304.288



94, 10.852, 304.362



79, 8.684, 320.570



40, 6.433, 304.436



23, 92.997, 309.231



2, 24.022, 301.810

Previews

White Background



This preview shows how the CIELCh color 82, 7.632, 123.589 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, 7.632, 123.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

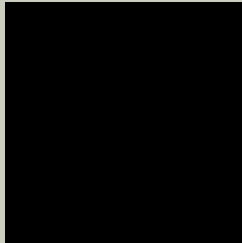
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

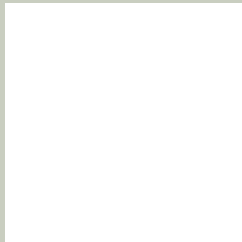
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 7.632, 123.589

Background



This preview shows how black text looks on a background with the CIELCh color 82, 7.632, 123.589.



This preview shows how white text looks on a background with the CIELCh color 82, 7.632, 123.589.

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, 7.632, 123.589

Protanopia

82, 7.478, 85.835

Deuteranopia

82, 11.453, 28.134



Tritanopia
82, 8.574, 298.038

Trichromacy



Original Color
82, 7.632, 123.589

Protanomaly
82, 6.943, 100.260

Deuteranomaly
82, 7.709, 48.377

Tritanomaly
82, 3.213, 296.912

Monochromacy



Original Color
82, 7.632, 123.589

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.745, 125.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 7.632, 123.589 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(201, 206, 192)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 192)  
}
```

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(201, 206, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 7.632, 123.589 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(201, 206, 192) }
```

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

```
.border{ border-color:rgb(201, 206, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 192);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 7.632, 123.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 192) }
```

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

```
.background{ background-color: rgb(201,  
206, 192) }
```

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