

Converting Colors

CIELCh(82, 23.403, 114.464)

Have a look what the booklet for
CIELCh(82, 23.403, 114.464)
contains.

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Color

CIELCh(82, 23.250, 114.860)

Conversions

Conversions Part 1

Format	Color
Hex	C9D0A4
RGB	201, 208, 164
RGB Percent	79%, 82%, 64%
CMY	0.2112, 0.1838, 0.3564
CMYK	0.03, 0.00, 0.21, 0.18
HSL	70°, 32%, 73%
HSV	70°, 21%, 82%
XYZ	53.4245, 60.2982, 44.0058
YIQ	200.8910, 9.9520, -15.1680

Conversions

Conversions Part 2

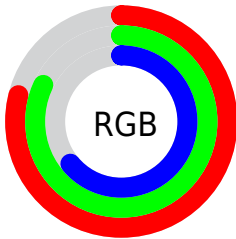
Format	Color
RYB	164, 208, 171
Decimal	13226148
CIELab	82.00, -9.77, 21.10
CIElCh	82, 23.250, 114.860
Yxy	60.2982, 0.3387, 0.3823
Android (android.graphics.Color)	4291416228 (0xFFC9D0A4)
YUV	200.8910, -18.1873, 0.0956
Hunter-Lab	77.6519, -13.0828, 20.7564

Details

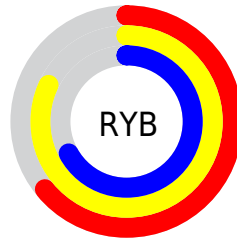
The CIELCh color **82, 23.250, 114.860** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 24.366, 298.193**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **62, 23.418, 114.771** is the 20% darker color. If you saturate the color by 10%, you get **81, 34.054, 114.127**, and if you desaturate by 10%, it is **83, 12.290, 115.604**.

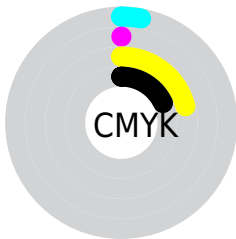
Distribution



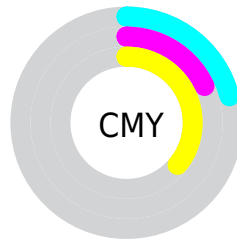
- Red (79%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)





- Cyan (21%)
- Magenta (18%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 23.250, 114.860 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, 23.250, 114.860 by changing the saturation by 10% instead.


 82, 23.250,
114.860


 82, 23.250,
114.860


 100, 23.250,
114.860


 72, 23.250,
114.860

 62, 23.250,
114.860

 52, 23.250,
114.860

 42, 23.250,
114.860

 32, 23.250,
114.860

 22, 23.250,
114.860

 12, 23.250,

114.860

■ 2, 23.250, 114.860

■ 0, 23.250, 114.860

■ 82, 23.250,
114.860

■ 82, 23.250,
114.860

■ 81, 34.054,
114.127

■ 83, 12.290,
115.604

■ 81, 44.569,
113.418

■ 83, 1.254, 116.329

■ 80, 54.599,
112.770

■ 84, 9.797, 297.036

■ 80, 63.853,
112.234

■ 85, 20.825,
297.710

■ 79, 71.917,

■ 86, 24.931,
299.553

111.876

86, 25.103,
302.074

79, 78.284,
111.777

86, 25.321,
304.575

79, 82.501,
112.016

86, 25.584,
307.045

79, 84.599,
112.490

87, 25.893,
309.478

Harmonies

Complementary

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



82, 23.250, 114.860



69, 24.366, 298.193

Rectangle

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



82, 23.250, 114.860



82, 23.250, 164.860



82, 23.250, 294.860



82, 23.250, 344.860

Sweetspot

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



82, 23.252, 114.864



99, 7.804, 115.975



73, 15.221, 34.053



53, 5.177, 115.927



0, 0.000, 0.000



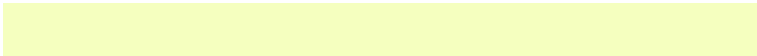
53, 0.007, 296.813

Same Dimension

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



82, 23.252, 114.864



98, 32.353, 114.556



80, 25.696, 133.191



44, 6.282, 115.731



65, 72.194, 112.355



15, 23.794, 113.931

Inverse Universe

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



69, 24.366, 298.193



80, 34.250, 298.611



71, 26.190, 315.024



40, 6.416, 297.137



20, 96.945, 306.988



2, 25.718, 297.240

Previews

White Background



This preview shows how the CIELCh color 82, 23.250, 114.860 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, 23.250, 114.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

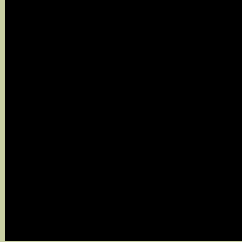
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

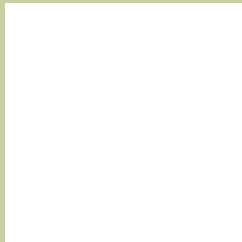
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 23.250, 114.860

Background



This preview shows how black text looks on a background with the CIELCh color 82, 23.250, 114.860.



This preview shows how white text looks on a background with the CIELCh color 82, 23.250, 114.860.

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, 23.250, 114.860

Protanopia

82, 22.297, 93.839

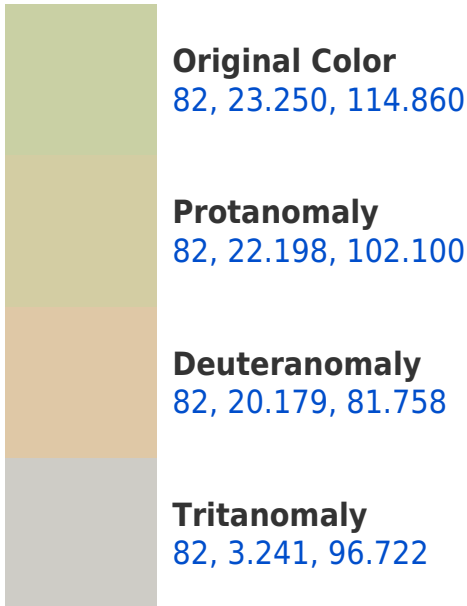
Deuteranopia

82, 22.283, 63.181



Tritanopia
82, 8.886, 307.195

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 23.250, 114.860 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, 208, 164)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 164)  
}
```

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, 208, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 23.250, 114.860 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, 208, 164) }
```

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

```
.border{ border-color:rgb(201, 208, 164) }
```

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

Here you see how a box with a 4 pixel rgb(201, 208, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 164);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 23.250, 114.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 164) }
```

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

```
.background{ background-color: rgb(201,  
208, 164) }
```

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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