

Converting Colors

CIELCh(64, 23.434, 86.710)

Have a look what the booklet for
CIELCh(64, 23.434, 86.710) contains.

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Color

CIELCh(64, 23.281, 86.308)

Conversions

Conversions Part 1

Format	Color
Hex	AD9972
RGB	173, 153, 114
RGB Percent	68%, 60%, 45%
CMY	0.3223, 0.4007, 0.5536
CMYK	0.00, 0.12, 0.34, 0.32
HSL	40°, 26%, 56%
HSV	40°, 34%, 68%
XYZ	31.5854, 32.8017, 20.5372
YIQ	154.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

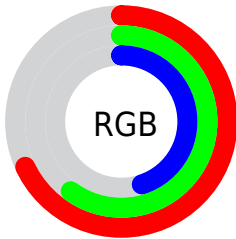
Format	Color
RYB	144, 173, 114
Decimal	11377010
CIELab	64.00, 1.50, 23.23
CIELCh	64, 23.281, 86.308
Yxy	32.8017, 0.3719, 0.3862
Android (android.graphics.Color)	4289567090 (0xFFAD9972)
YUV	154.5340, -19.9833, 16.1947
Hunter-Lab	57.2727, -1.7862, 18.8303

Details

The CIELCh color **64, 23.281, 86.308** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **56, 23.063, 276.059**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.247, 86.266**, and **44, 23.053, 85.489** is the 20% darker color. If you saturate the color by 10%, you get **62, 30.354, 84.952**, and if you desaturate by 10%, it is **66, 16.296, 87.635**.

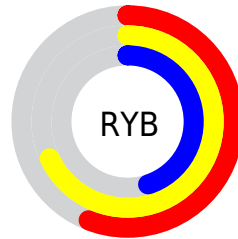
Distribution



Red (68%)

Green (60%)

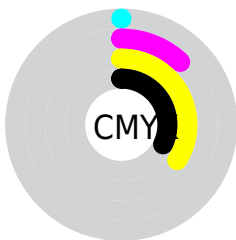
Blue (45%)



Red (56%)

Yellow (68%)

Blue (45%)

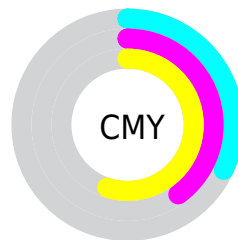


Cyan (0%)

Magenta (12%)

Yellow (34%)

Black (32%)



Cyan (32%)

Magenta (40%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 23.281, 86.308 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 64, 23.281, 86.308 by changing the saturation by 10% instead.

 64, 23.281, 86.308

 64, 23.281, 86.308

 100, 23.281,
86.308

 54, 23.281, 86.308

 84, 23.281, 86.308

 44, 23.281, 86.308

 94, 23.281, 86.308

 34, 23.281, 86.308

 24, 23.281, 86.308

 14, 23.281, 86.308

 4, 23.281, 86.308

 0, 23.281, 86.308

 64, 23.281, 86.308

 64, 23.281, 86.308

 62, 30.354, 84.952

 66, 16.296, 87.635

60, 37.426, 83.546

68, 9.439, 88.912

59, 44.328, 82.078

70, 2.724, 90.099

57, 50.751, 80.505

72, 3.847, 271.435

55, 56.183, 78.735

74, 10.280,
272.549

54, 59.939, 76.608

76, 16.582,
273.639

53, 61.647, 75.276

78, 22.764,
274.683

80, 28.836,
275.675

82, 27.753,
270.871

Harmonies

Complementary

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



64, 23.281, 86.308



56, 23.063, 276.059

Rectangle

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



64, 23.281, 86.308



64, 23.281, 136.308



64, 23.281, 266.308



64, 23.281, 316.308

Sweetspot

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



64, 23.282, 86.314



87, 8.222, 89.400



55, 26.330, 356.322



46, 5.612, 89.234



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 23.282, 86.314



80, 34.813, 85.284



69, 31.986, 113.547



36, 3.770, 89.506



46, 55.678, 75.627



5, 7.228, 82.340

Inverse Universe

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



56, 23.063, 276.059



67, 34.466, 277.687



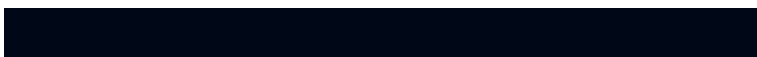
51, 34.640, 299.237



34, 3.768, 271.913



26, 64.305, 295.682



2, 8.462, 275.415

Previews

White Background



This preview shows how the CIELCh color 64, 23.281, 86.308 looks on a white background.

Color Contrast Check

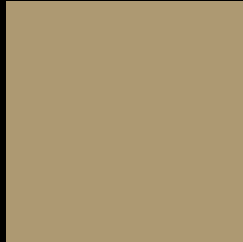
Large Text (above 18pt) WCAG AA × Fail

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 64, 23.281, 86.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

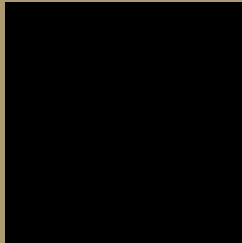
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 23.281, 86.308

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.281, 86.308.



This preview shows how white text looks on a background with the CIELCh color 64, 23.281, 86.308.

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

64, 23.281, 86.308

Protanopia

64, 22.589, 95.866

Deuteranopia

64, 24.094, 70.834



Tritanopia
64, 13.514, 353.932

Trichromacy



Original Color
64, 23.281, 86.308

Protanomaly
64, 22.396, 92.437

Deuteranomaly
64, 23.225, 75.730

Tritanomaly
64, 11.603, 39.794

Monochromacy



Original Color
64, 23.281, 86.308

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.784, 90.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.281, 86.308 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(173, 153, 114)` looks like.

```
.text, #text, p{  
    color:rgb(173, 153, 114)  
}
```

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(173, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 153, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.281, 86.308 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(173, 153, 114) }
```

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

```
.border{ border-color:rgb(173, 153, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 153, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(173, 153,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.281, 86.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 153, 114) }
```

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

```
.background{ background-color: rgb(173,  
153, 114) }
```

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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