

Converting Colors

CIELCh(64, 16.083, 74.875)

Have a look what the booklet for
CIELCh(64, 16.083, 74.875) contains.

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Color

CIELCh(64, 15.988, 75.663)

Conversions

Conversions Part 1

Format	Color
Hex	AD9880
RGB	173, 152, 128
RGB Percent	68%, 60%, 50%
CMY	0.3224, 0.4047, 0.4988
CMYK	0.00, 0.12, 0.26, 0.32
HSL	32°, 21%, 59%
HSV	32°, 26%, 68%
XYZ	32.2632, 32.8017, 24.9833
YIQ	155.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

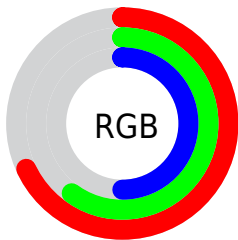
Format	Color
R_{YB}	167, 173, 128
Decimal	11376768
CIE _{Lab}	64.00, 3.96, 15.49
CIE _{LCh}	64, 15.988, 75.663
Yxy	32.8017, 0.3583, 0.3643
Android (android.graphics.Color)	4289566848 (0xFFAD9880)
YUV	155.5430, -13.5787, 15.3098
Hunter-Lab	57.2727, 0.3264, 14.2276

Details

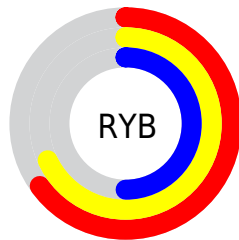
The CIELCh color $64, 15.988, 75.663$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 15.129, 262.887$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 15.903, 74.979$, and $44, 15.827, 75.077$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.586, 74.379$, and if you desaturate by 10%, it is $67, 9.647, 76.935$.

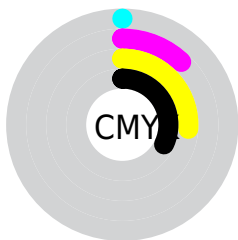
Distribution



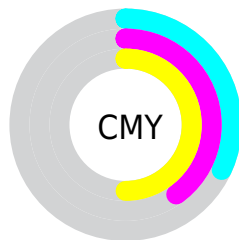
- Red (68%)
- Green (60%)
- Blue (50%)



- Red (65%)
- Yellow (68%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 15.988, 75.663 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, 15.988, 75.663 by changing the saturation by 10% instead.

■ 64, 15.988, 75.663

■ 64, 15.988, 75.663

■ 100, 15.988,
75.663

■ 54, 15.988, 75.663

■ 84, 15.988, 75.663

■ 44, 15.988, 75.663

■ 94, 15.988, 75.663

■ 34, 15.988, 75.663

■ 24, 15.988, 75.663

■ 14, 15.988, 75.663

■ 4, 15.988, 75.663

■ 0, 15.988, 75.663

■ 64, 15.988, 75.663

■ 64, 15.988, 75.663

■ 62, 22.586, 74.379

■ 67, 9.647, 76.935

59, 29.427, 73.062

69, 3.555, 78.129

57, 36.455, 71.715

72, 2.303, 259.564

55, 43.537, 70.306

74, 7.949, 260.648

52, 50.392, 68.761

77, 13.404,
261.768

50, 56.493, 66.920

80, 18.688,
262.852

48, 61.105, 64.534

82, 23.821,
263.892

48, 62.832, 63.614

85, 24.042,
257.330

87, 22.330,
244.930

Harmonies

Complementary

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



64, 15.988, 75.663



61, 15.129, 262.887

Rectangle

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



64, 15.988, 75.663



64, 15.988, 125.663



64, 15.988, 255.663



64, 15.988, 305.663

Sweetspot

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



64, 15.988, 75.671



87, 5.856, 77.891



58, 21.197, 347.895



46, 4.170, 77.718



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, 15.988, 75.671



80, 23.815, 74.962



70, 24.363, 109.143



35, 3.369, 77.755



42, 56.653, 64.059



4, 6.590, 68.669

Inverse Universe

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



61, 15.129, 262.887



75, 22.240, 263.951



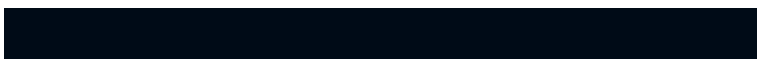
55, 25.892, 294.350



35, 3.314, 260.221



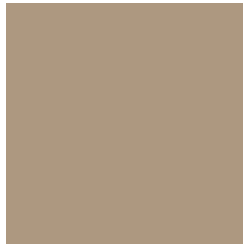
31, 51.197, 286.428



3, 7.591, 267.132

Previews

White Background



This preview shows how the CIELCh color 64, 15.988, 75.663 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, 15.988, 75.663 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, 15.988, 75.663

Background



This preview shows how black text looks on a background with the CIELCh color 64, 15.988, 75.663.



This preview shows how white text looks on a background with the CIELCh color 64, 15.988, 75.663.

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, 15.988, 75.663

Protanopia

64, 14.875, 94.211

Deuteranopia

64, 17.568, 61.442



Tritanopia
64, 13.073, 350.066

Trichromacy



Original Color
64, 15.988, 75.663

Protanomaly
64, 14.878, 87.555

Deuteranomaly
64, 16.723, 66.560

Tritanomaly
64, 10.357, 23.405

Monochromacy



Original Color
64, 15.988, 75.663

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.701, 80.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 15.988, 75.663 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, 152, 128)` looks like.

```
.text, #text, p{  
    color:rgb(173, 152, 128)  
}
```

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, 152, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 152, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 15.988, 75.663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

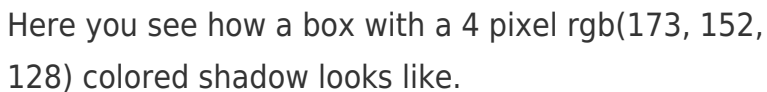
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 152, 128) }
```

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

```
.border{ border-color:rgb(173, 152, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 152, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 152, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 152, 128); box-shadow:4px 4px 4px 4px rgb(173, 152, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 15.988, 75.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 152, 128) }
```

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

```
.background{ background-color: rgb(173,  
152, 128) }
```

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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