

Converting Colors

CIELCh(64, 18.858, 77.591)

Have a look what the booklet for
CIELCh(64, 18.858, 77.591) contains.

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Color

CIELCh(64, 18.858, 77.591)

Conversions

Conversions Part 1

Format	Color
Hex	AF987B
RGB	175, 152, 123
RGB Percent	69%, 60%, 48%
CMY	0.3155, 0.4056, 0.5193
CMYK	0.00, 0.13, 0.30, 0.32
HSL	33°, 24%, 58%
HSV	33°, 30%, 68%
XYZ	32.2891, 32.8017, 23.2339
YIQ	155.5710, 23.0170, -4.1430

Conversions

Conversions Part 2

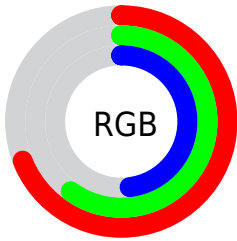
Format	Color
RYB	164, 175, 123
Decimal	11507835
CIELab	64.00, 4.05, 18.42
CIELCh	64, 18.858, 77.591
Yxy	32.8017, 0.3656, 0.3714
Android (android.graphics.Color)	4289697915 (0xFFAF987B)
YUV	155.5710, -16.0575, 17.0392
Hunter-Lab	57.2727, 0.4071, 16.0387

Details

The CIELCh color **64, 18.858, 77.591** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **60, 17.896, 266.076**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 18.592, 77.100**, and **44, 18.929, 76.937** is the 20% darker color. If you saturate the color by 10%, you get **62, 25.651, 76.267**, and if you desaturate by 10%, it is **66, 12.294, 78.898**.

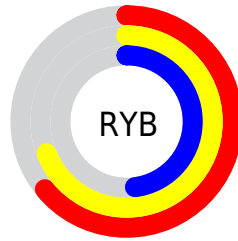
Distribution



Red (69%)

Green (60%)

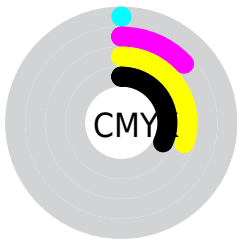
Blue (48%)



Red (64%)

Yellow (69%)

Blue (48%)

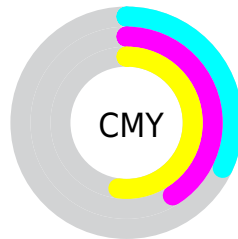


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (32%)



Cyan (32%)

Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.858, 77.591 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, 18.858, 77.591 by changing the saturation by 10% instead.

■ 64, 18.858, 77.591

■ 64, 18.858, 77.591

■ 100, 18.858,
77.591

■ 54, 18.858, 77.591

■ 84, 18.858, 77.591

■ 44, 18.858, 77.591

■ 94, 18.858, 77.591

■ 34, 18.858, 77.591

■ 24, 18.858, 77.591

■ 14, 18.858, 77.591

■ 4, 18.858, 77.591

■ 0, 18.858, 77.591

■ 64, 18.858, 77.591

■ 64, 18.858, 77.591

■ 62, 25.651, 76.267

■ 66, 12.294, 78.898

59, 32.639, 74.905

69, 5.963, 80.150

57, 39.732, 73.496

71, 0.145, 263.454

55, 46.739, 71.999

74, 6.046, 262.691

53, 53.282, 70.316

76, 11.760,
263.826

51, 58.718, 68.257

79, 17.305,
264.929

49, 62.758, 65.774

82, 22.699,
265.987

49, 62.856, 65.723

84, 24.683,
262.485

86, 22.587,
251.236

Harmonies

Complementary

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



64, 18.858, 77.591



60, 17.896, 266.076

Rectangle

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



64, 18.858, 77.591



64, 18.858, 127.591



64, 18.858, 257.591



64, 18.858, 307.591

Sweetspot

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



64, 18.858, 77.598



87, 6.792, 80.224



57, 24.264, 349.314



46, 4.771, 80.050



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 18.858, 77.598



79, 28.584, 76.689



70, 28.038, 109.535



35, 3.433, 80.207



43, 56.264, 66.187



4, 6.675, 71.305

Inverse Universe

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



60, 17.896, 266.076



73, 26.767, 267.502



54, 30.098, 295.417



35, 3.389, 262.685



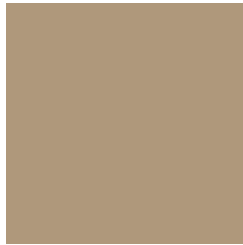
30, 53.637, 288.512



3, 7.747, 268.883

Previews

White Background



This preview shows how the CIELCh color 64, 18.858, 77.591 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, 18.858, 77.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

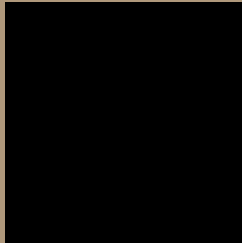
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.858, 77.591

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.858, 77.591.



This preview shows how white text looks on a background with the CIELCh color 64, 18.858, 77.591.

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, 18.858, 77.591

Protanopia

64, 17.663, 94.696

Deuteranopia

64, 19.955, 65.992



Tritanopia
64, 13.867, 354.720

Trichromacy



Original Color
64, 18.858, 77.591

Protanomaly
64, 18.166, 89.524

Deuteranomaly
64, 19.495, 69.704

Tritanomaly
64, 11.467, 31.505

Monochromacy



Original Color
64, 18.858, 77.591

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.877, 81.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.858, 77.591 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(175, 152, 123)` looks like.

```
.text, #text, p{  
    color:rgb(175, 152, 123)  
}
```

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(175, 152, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 152, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.858, 77.591 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(175, 152, 123) }
```

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

```
.border{ border-color:rgb(175, 152, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 152, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 152, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 152, 123);  
box-shadow:4px 4px 4px 4px rgb(175, 152,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.858, 77.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 152, 123) }
```

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

```
.background{ background-color: rgb(175,  
152, 123) }
```

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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