

Converting Colors

CIELCh(64, 18.973, 60.041)

Have a look what the booklet for
CIELCh(64, 18.973, 60.041) contains.

CIELCh(64, 18.973, 60.041)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 18.973, 60.041)

Conversions

Conversions Part 1

Format	Color
Hex	B6947E
RGB	182, 148, 126
RGB Percent	71%, 58%, 49%
CMY	0.2848, 0.4182, 0.5045
CMYK	0.00, 0.19, 0.31, 0.28
HSL	24°, 28%, 61%
HSV	24°, 31%, 72%
XYZ	33.8182, 32.8017, 24.4076
YIQ	155.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

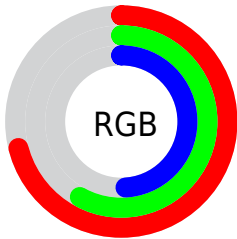
Format	Color
RYB	182, 162, 126
Decimal	11965566
CIELab	64.00, 9.47, 16.44
CIELCh	64, 18.973, 60.041
Yxy	32.8017, 0.3715, 0.3603
Android (android.graphics.Color)	4290155646 (0xFFB6947E)
YUV	155.6580, -14.6214, 23.1019
Hunter-Lab	57.2727, 5.1727, 14.8236

Details

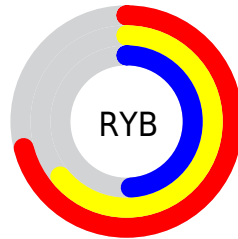
The CIELCh color **64, 18.973, 60.041** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64, 16.468, 247.198**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 18.969, 59.445**, and **44, 18.914, 59.255** is the 20% darker color. If you saturate the color by 10%, you get **61, 25.989, 59.154**, and if you desaturate by 10%, it is **67, 12.387, 60.978**.

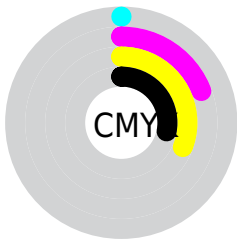
Distribution



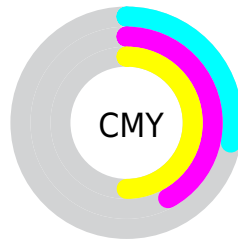
- Red (71%)
- Green (58%)
- Blue (49%)



- Red (71%)
- Yellow (64%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (28%)



- Cyan (28%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.973, 60.041 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, 18.973, 60.041 by changing the saturation by 10% instead.

■ 64, 18.973, 60.041

■ 64, 18.973, 60.041

■ 100, 18.973,
60.041

■ 54, 18.973, 60.041

■ 84, 18.973, 60.041

■ 44, 18.973, 60.041

■ 94, 18.973, 60.041

■ 34, 18.973, 60.041

■ 24, 18.973, 60.041

■ 14, 18.973, 60.041

■ 4, 18.973, 60.041

■ 0, 18.973, 60.041

■ 64, 18.973, 60.041

■ 64, 18.973, 60.041

■ 61, 25.989, 59.154

■ 67, 12.387, 60.978

58, 33.436, 58.304

71, 6.208, 61.913

55, 41.265, 57.491

74, 0.400, 61.917

52, 49.327, 56.670

77, 5.075, 244.035

49, 57.270, 55.716

81, 10.253,
244.973

47, 64.376, 54.351

84, 15.171,
245.923

45, 69.835, 52.708

88, 19.860,
246.858

91, 19.512,
227.304

94, 21.234,
207.957

Harmonies

Complementary

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



64, 18.973, 60.041



64, 16.468, 247.198

Rectangle

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



64, 18.973, 60.041



64, 18.973, 110.041



64, 18.973, 240.041



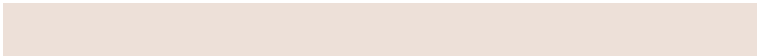
64, 18.973, 290.041

Sweetspot

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



64, 18.973, 60.049



90, 6.419, 62.055



60, 28.771, 340.314



48, 4.517, 61.924



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 18.973, 60.049



79, 28.935, 59.427



71, 26.806, 101.698



37, 3.284, 62.038



39, 61.843, 53.193



4, 8.736, 50.059

Inverse Universe

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



64, 16.468, 247.198



79, 24.207, 248.524



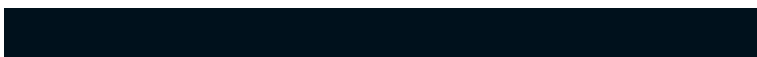
57, 28.306, 289.045



37, 3.163, 244.121



39, 39.742, 270.620



4, 9.265, 257.041

Previews

White Background



This preview shows how the CIELCh color 64, 18.973, 60.041 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, 18.973, 60.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

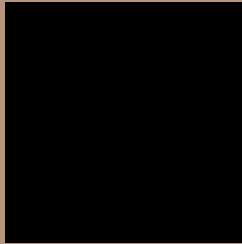
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.973, 60.041

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.973, 60.041.



This preview shows how white text looks on a background with the CIELCh color 64, 18.973, 60.041.

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, 18.973, 60.041

Protanopia

64, 14.338, 93.753

Deuteranopia

64, 18.382, 63.776



Tritanopia
64, 17.578, 0.986

Trichromacy



Original Color
64, 18.973, 60.041

Protanomaly
64, 15.298, 79.598

Deuteranomaly
64, 18.696, 62.882

Tritanomaly
64, 15.746, 22.912

Monochromacy



Original Color
64, 18.973, 60.041

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.808, 60.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.973, 60.041 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(182, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 148, 126)  
}
```

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(182, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 148, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.973, 60.041 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(182, 148, 126) }
```

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

```
.border{ border-color:rgb(182, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(182, 148,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.973, 60.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 148, 126) }
```

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

```
.background{ background-color: rgb(182,  
148, 126) }
```

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