

Converting Colors

CIELCh(64, 20.840, 76.477)

Have a look what the booklet for
CIELCh(64, 20.840, 76.477) contains.

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Color

CIELCh(64, 21.031, 76.603)

Conversions

Conversions Part 1

Format	Color
Hex	B19777
RGB	177, 151, 119
RGB Percent	69%, 59%, 47%
CMY	0.3060, 0.4079, 0.5334
CMYK	0.00, 0.15, 0.33, 0.31
HSL	33°, 27%, 58%
HSV	33°, 33%, 69%
XYZ	32.5175, 32.8017, 22.0636
YIQ	155.1260, 25.7680, -4.4400

Conversions

Conversions Part 2

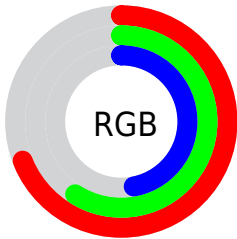
Format	Color
RYB	166, 177, 119
Decimal	11638647
CIELab	64.00, 4.87, 20.46
CIELCh	64, 21.031, 76.603
Yxy	32.8017, 0.3721, 0.3754
Android (android.graphics.Color)	4289828727 (0xFFB19777)
YUV	155.1260, -17.8101, 19.1835
Hunter-Lab	57.2727, 1.1188, 17.2502

Details

The CIELCh color **64, 21.031, 76.603** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 19.777, 266.086**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 21.081, 77.020**, and **44, 21.041, 76.779** is the 20% darker color. If you saturate the color by 10%, you get **62, 27.956, 75.275**, and if you desaturate by 10%, it is **66, 14.339, 77.916**.

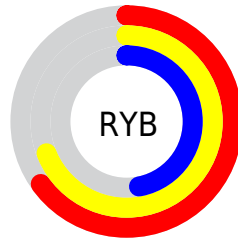
Distribution



Red (69%)

Green (59%)

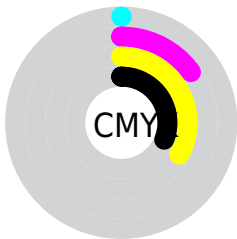
Blue (47%)



Red (65%)

Yellow (69%)

Blue (47%)

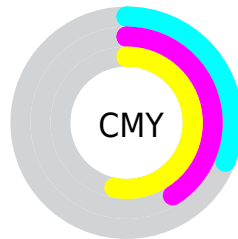


Cyan (0%)

Magenta (15%)

Yellow (33%)

Black (31%)



Cyan (31%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 21.031, 76.603 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, 21.031, 76.603 by changing the saturation by 10% instead.

■ 64, 21.031, 76.603

■ 64, 21.031, 76.603

■ 100, 21.031,
76.603

■ 54, 21.031, 76.603

■ 84, 21.031, 76.603

■ 44, 21.031, 76.603

■ 94, 21.031, 76.603

■ 34, 21.031, 76.603

■ 24, 21.031, 76.603

■ 14, 21.031, 76.603

■ 4, 21.031, 76.603

■ 0, 21.031, 76.603

■ 64, 21.031, 76.603

■ 64, 21.031, 76.603

■ 62, 27.956, 75.275

■ 66, 14.339, 77.916

59, 35.068, 73.907

69, 7.890, 79.183

57, 42.255, 72.486

71, 1.675, 80.295

55, 49.275, 70.954

74, 4.321, 261.756

53, 55.674, 69.189

77, 10.118,
262.888

51, 60.718, 66.960

79, 15.735,
264.004

50, 63.614, 65.147

82, 21.192,
265.077

84, 23.999,
262.480

87, 21.880,
250.555

Harmonies

Complementary

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



64, 21.031, 76.603



59, 19.777, 266.086

Rectangle

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



64, 21.031, 76.603



64, 21.031, 126.603



64, 21.031, 256.603



64, 21.031, 306.603

Sweetspot

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



64, 21.031, 76.610



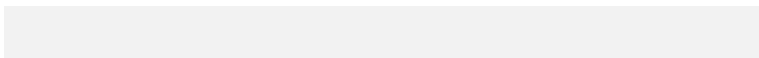
88, 7.593, 79.502



57, 27.048, 349.676



46, 5.189, 79.335



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, 21.031, 76.610



79, 31.315, 75.692



71, 31.140, 109.271



36, 3.500, 79.604



43, 57.060, 65.599



5, 7.736, 68.743

Inverse Universe

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



59, 19.777, 266.086



72, 29.036, 267.597



52, 33.716, 295.843



36, 3.452, 262.090



31, 53.764, 288.078



3, 9.207, 269.955

Previews

White Background



This preview shows how the CIELCh color 64, 21.031, 76.603 looks on a white background.

Color Contrast Check

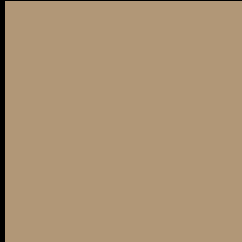
Large Text (above 18pt) WCAG AA × Fail

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, 21.031, 76.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

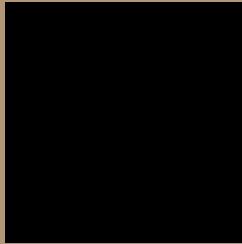
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 21.031, 76.603

Background



This preview shows how black text looks on a background with the CIELCh color 64, 21.031, 76.603.



This preview shows how white text looks on a background with the CIELCh color 64, 21.031, 76.603.

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, 21.031, 76.603

Protanopia

64, 19.275, 95.596

Deuteranopia

64, 22.002, 68.672



Tritanopia
64, 14.957, 356.888

Trichromacy



Original Color
64, 21.031, 76.603

Protanomaly
64, 19.883, 89.626

Deuteranomaly
64, 21.593, 72.091

Tritanomaly
64, 13.250, 32.573

Monochromacy



Original Color
64, 21.031, 76.603

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.560, 81.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 21.031, 76.603 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(177, 151, 119)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 119)  
}
```

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(177, 151, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 21.031, 76.603 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(177, 151, 119) }
```

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

```
.border{ border-color:rgb(177, 151, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 151, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 151, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 151, 119);  
box-shadow:4px 4px 4px 4px rgb(177, 151,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 21.031, 76.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 119) }
```

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

```
.background{ background-color: rgb(177,  
151, 119) }
```

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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