

Converting Colors

CIELCh(64, 19.003, 51.156)

Have a look what the booklet for
CIELCh(64, 19.003, 51.156) contains.

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Color

CIELCh(64, 18.948, 52.133)

Conversions

Conversions Part 1

Format	Color
Hex	B99381
RGB	185, 147, 129
RGB Percent	73%, 58%, 51%
CMY	0.2742, 0.4232, 0.4938
CMYK	0.00, 0.21, 0.30, 0.27
HSL	19°, 29%, 62%
HSV	19°, 30%, 73%
XYZ	34.4394, 32.8017, 25.3103
YIQ	156.3100, 28.4260, 2.4580

Conversions

Conversions Part 2

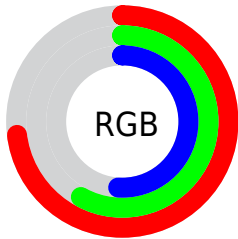
Format	Color
RYB	185, 156, 129
Decimal	12161921
CIELab	64.00, 11.63, 14.96
CIELCh	64, 18.948, 52.133
Yxy	32.8017, 0.3721, 0.3544
Android (android.graphics.Color)	4290352001 (0xFFB99381)
YUV	156.3100, -13.4638, 25.1611
Hunter-Lab	57.2727, 7.1087, 13.8892

Details

The CIELCh color **64, 18.948, 52.133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66, 15.945, 237.502**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 18.956, 51.895**, and **44, 18.950, 50.903** is the 20% darker color. If you saturate the color by 10%, you get **60, 26.177, 51.606**, and if you desaturate by 10%, it is **68, 12.221, 52.751**.

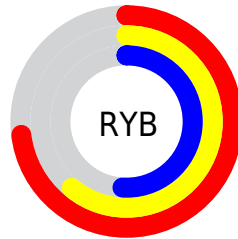
Distribution



Red (73%)

Green (58%)

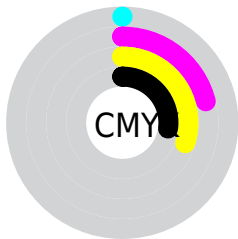
Blue (51%)



Red (73%)

Yellow (61%)

Blue (51%)

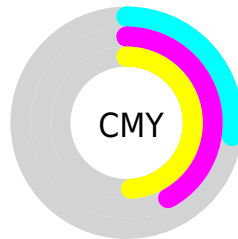


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.948, 52.133 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, 18.948, 52.133 by changing the saturation by 10% instead.

■ 64, 18.948, 52.133

■ 64, 18.948, 52.133

■ 100, 18.948,
52.133

■ 54, 18.948, 52.133

■ 84, 18.948, 52.133

■ 44, 18.948, 52.133

■ 94, 18.948, 52.133

■ 34, 18.948, 52.133

■ 24, 18.948, 52.133

■ 14, 18.948, 52.133

■ 4, 18.948, 52.133

■ 0, 18.948, 52.133

■ 64, 18.948, 52.133

■ 64, 18.948, 52.133

■ 60, 26.177, 51.606

■ 68, 12.221, 52.751

57, 33.918, 51.167

71, 5.967, 53.399

54, 42.133, 50.826

75, 0.143, 50.936

51, 50.689, 50.550

79, 5.297, 235.058

48, 59.254, 50.223

83, 10.396,
235.790

46, 67.104, 49.551

87, 15.194,
236.555

44, 73.461, 48.496

90, 18.788,
232.347

94, 20.348,
209.162

96, 22.535,
198.029

Harmonies

Complementary

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



64, 18.948, 52.133



66, 15.945, 237.502

Rectangle

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



64, 18.948, 52.133



64, 18.948, 102.133



64, 18.948, 232.133



64, 18.948, 282.133

Sweetspot

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



64, 18.947, 52.141



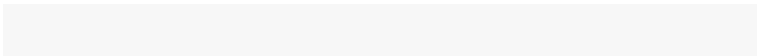
91, 6.431, 53.468



61, 29.995, 337.182



47, 4.490, 53.377



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, 18.947, 52.141



78, 28.482, 51.792



71, 25.070, 97.935



37, 3.262, 53.457



37, 64.291, 48.968



4, 8.868, 43.607

Inverse Universe

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



66, 15.945, 237.502



82, 22.982, 238.506



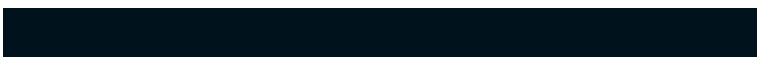
59, 26.069, 285.576



37, 3.112, 235.091



42, 34.826, 259.272



5, 8.786, 248.097

Previews

White Background



This preview shows how the CIELCh color 64, 18.948, 52.133 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 CIE LCh color 64, 18.948, 52.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

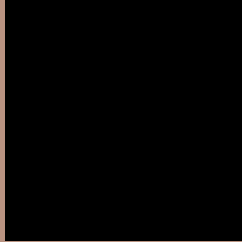
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.948, 52.133

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.948, 52.133.



This preview shows how white text looks on a background with the CIELCh color 64, 18.948, 52.133.

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, 18.948, 52.133

Protanopia

64, 12.622, 93.899

Deuteranopia

64, 17.174, 60.188



Tritanopia
64, 18.733, 2.431

Trichromacy



Original Color
64, 18.948, 52.133

Protanomaly
64, 13.623, 73.972

Deuteranomaly
64, 17.838, 56.344

Tritanomaly
64, 17.355, 19.298

Monochromacy



Original Color
64, 18.948, 52.133

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.775, 54.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.948, 52.133 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(185, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(185, 147, 129)  
}
```

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(185, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 147, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.948, 52.133 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(185, 147, 129) }
```

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

```
.border{ border-color:rgb(185, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(185, 147,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.948, 52.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 147, 129) }
```

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

```
.background{ background-color: rgb(185,  
147, 129) }
```

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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