

Converting Colors

CIELCh(64, 13.815, 51.546)

Have a look what the booklet for
CIELCh(64, 13.815, 51.546) contains.

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Color

CIELCh(64, 13.984, 51.182)

Conversions

Conversions Part 1

Format	Color
Hex	B29588
RGB	178, 149, 136
RGB Percent	70%, 58%, 53%
CMY	0.3014, 0.4151, 0.4661
CMYK	0.00, 0.16, 0.24, 0.30
HSL	19°, 21%, 62%
HSV	19°, 24%, 70%
XYZ	33.6156, 32.8017, 27.9027
YIQ	156.1890, 21.4570, 2.1050

Conversions

Conversions Part 2

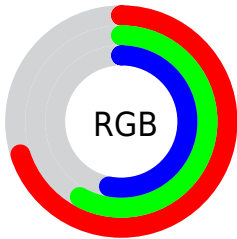
Format	Color
RYB	178, 155, 136
Decimal	11703688
CIELab	64.00, 8.77, 10.90
CIElCh	64, 13.984, 51.182
Yxy	32.8017, 0.3564, 0.3478
Android (android.graphics.Color)	4289893768 (0xFFB29588)
YUV	156.1890, -9.9532, 19.1282
Hunter-Lab	57.2727, 4.5413, 11.2055

Details

The CIELCh color **64, 13.984, 51.182** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66, 12.237, 234.983**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 14.018, 51.596**, and **44, 14.213, 50.622** is the 20% darker color. If you saturate the color by 10%, you get **60, 20.686, 50.667**, and if you desaturate by 10%, it is **68, 7.758, 51.776**.

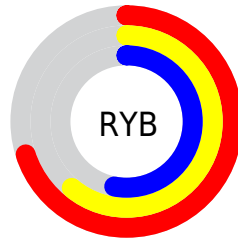
Distribution



Red (70%)

Green (58%)

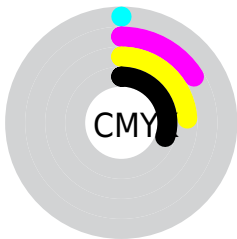
Blue (53%)



Red (70%)

Yellow (61%)

Blue (53%)

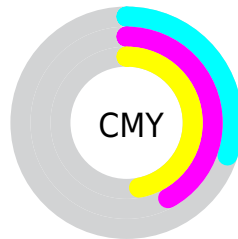


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (30%)



Cyan (30%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 13.984, 51.182 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, 13.984, 51.182 by changing the saturation by 10% instead.

■ 64, 13.984, 51.182

■ 64, 13.984, 51.182

■ 100, 13.984,
51.182

■ 54, 13.984, 51.182

■ 84, 13.984, 51.182

■ 44, 13.984, 51.182

■ 94, 13.984, 51.182

■ 34, 13.984, 51.182

■ 24, 13.984, 51.182

■ 14, 13.984, 51.182

■ 4, 13.984, 51.182

■ 0, 13.984, 51.182

■ 64, 13.984, 51.182

■ 64, 13.984, 51.182

■ 60, 20.686, 50.667

■ 68, 7.758, 51.776

57, 27.890, 50.234

71, 1.970, 52.270

54, 35.593, 49.908

75, 3.423, 233.342

51, 43.737, 49.686

79, 8.466, 233.990

48, 52.147, 49.520

83, 13.200,
234.709

45, 60.413, 49.250

86, 17.662,
235.439

43, 67.662, 48.501

90, 20.508,
228.665

42, 71.796, 47.986

93, 22.306,
208.089

95, 24.510,
197.906

Harmonies

Complementary

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



64, 13.984, 51.182



66, 12.237, 234.983

Rectangle

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



64, 13.984, 51.182



64, 13.984, 101.182



64, 13.984, 231.182



64, 13.984, 281.182

Sweetspot

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



64, 13.983, 51.192



89, 4.841, 52.146



62, 22.914, 335.929



47, 3.178, 52.115



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



64, 13.983, 51.192



79, 20.972, 50.925



69, 18.615, 97.702



36, 3.190, 52.026



36, 63.893, 48.401



3, 7.620, 44.093

Inverse Universe

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



66, 12.237, 234.983



82, 17.782, 235.606



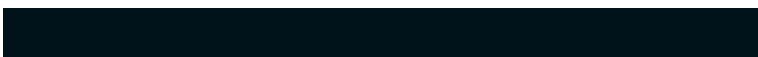
60, 19.106, 283.523



36, 3.040, 233.567



42, 33.718, 257.068



4, 7.628, 245.563

Previews

White Background



This preview shows how the CIELCh color 64, 13.984, 51.182 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, 13.984, 51.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

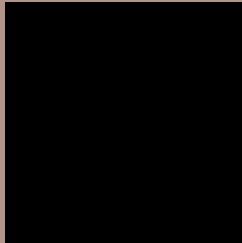
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 13.984, 51.182

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.984, 51.182.



This preview shows how white text looks on a background with the CIELCh color 64, 13.984, 51.182.

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, 13.984, 51.182

Protanopia

64, 9.303, 91.640

Deuteranopia

64, 13.588, 54.860



Tritanopia
64, 14.957, 356.888

Trichromacy



Original Color
64, 13.984, 51.182

Protanomaly
64, 10.317, 73.235

Deuteranomaly
64, 13.588, 54.860

Tritanomaly
64, 13.179, 15.870

Monochromacy



Original Color
64, 13.984, 51.182

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.797, 54.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.984, 51.182 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(178, 149, 136)` looks like.

```
.text, #text, p{  
    color:rgb(178, 149, 136)  
}
```

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(178, 149, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 149, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.984, 51.182 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(178, 149, 136) }
```

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

```
.border{ border-color:rgb(178, 149, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 149, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 149, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 149, 136);  
box-shadow:4px 4px 4px 4px rgb(178, 149,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.984, 51.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 149, 136) }
```

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

```
.background{ background-color: rgb(178,  
149, 136) }
```

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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