

Converting Colors

CIELCh(64, 18.419, 114.523)

Have a look what the booklet for
CIELCh(64, 18.419, 114.523)
contains.

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Color

CIELCh(64, 18.343, 114.596)

Conversions

Conversions Part 1

Format	Color
Hex	999E7D
RGB	153, 158, 125
RGB Percent	60%, 62%, 49%
CMY	0.3992, 0.3796, 0.5090
CMYK	0.03, 0.00, 0.21, 0.38
HSL	69°, 15%, 56%
HSV	69°, 21%, 62%
XYZ	29.1517, 32.8017, 24.2628
YIQ	152.7430, 7.6130, -11.3230

Conversions

Conversions Part 2

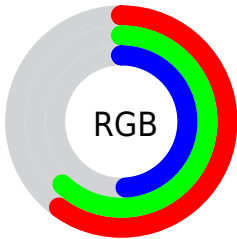
Format	Color
RYB	125, 158, 130
Decimal	10067581
CIELab	64.00, -7.63, 16.68
CIElCh	64, 18.343, 114.596
Yxy	32.8017, 0.3381, 0.3805
Android (android.graphics.Color)	4288257661 (0xFF999E7D)
YUV	152.7430, -13.6773, 0.2254
Hunter-Lab	57.2727, -9.3712, 14.9735

Details

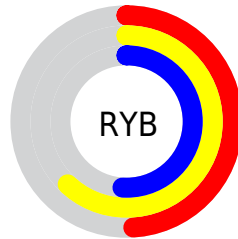
The CIELCh color **64, 18.343, 114.596** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54, 19.197, 297.857**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 18.417, 114.543**, and **44, 18.440, 114.496** is the 20% darker color. If you saturate the color by 10%, you get **64, 26.991, 113.867**, and if you desaturate by 10%, it is **65, 9.578, 115.335**.

Distribution



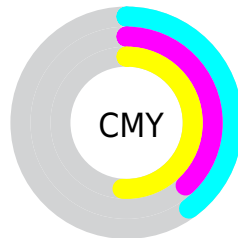
- Red (60%)
- Green (62%)
- Blue (49%)



- Red (49%)
- Yellow (62%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.343, 114.596 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, 18.343, 114.596 by changing the saturation by 10% instead.

 64, 18.343,
114.596


 64, 18.343,
114.596


 100, 18.343,
114.596


 54, 18.343,
114.596


 84, 18.343,
114.596

 44, 18.343,
114.596

 94, 18.343,
114.596

 34, 18.343,
114.596

 24, 18.343,
114.596

 14, 18.343,
114.596

 4, 18.343, 114.596

 0, 18.343, 114.596

64, 18.343,
114.596

64, 18.343,
114.596

64, 26.991,
113.867

65, 9.578, 115.335

63, 35.421,
113.158

65, 0.756, 116.050

66, 8.078, 296.758

63, 43.491,
112.504

66, 16.893,
297.428

62, 50.986,
111.949

67, 25.668,
298.064

62, 57.600,
111.553

68, 34.385,
298.665

62, 62.950,
111.388

69, 43.031,
299.229

62, 66.663,
111.531

70, 51.596,
299.757

61, 68.869,

111.882

■ 70, 53.377,
300.474

Harmonies

Complementary

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



64, 18.343, 114.596



54, 19.197, 297.857

Rectangle

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



64, 18.343, 114.596



64, 18.343, 164.596



64, 18.343, 294.596



64, 18.343, 344.596

Sweetspot

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



64, 18.345, 114.600



83, 6.573, 115.680



57, 11.979, 34.035



44, 4.395, 115.636



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 18.345, 114.600



81, 27.252, 114.260



63, 20.281, 133.225



33, 4.983, 115.453



56, 63.878, 111.806



4, 6.564, 117.197

Inverse Universe

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



54, 19.197, 297.857



66, 28.836, 298.317



55, 20.658, 314.994



31, 5.086, 296.824



16, 85.902, 307.015



0, 6.546, 295.814

Previews

White Background



This preview shows how the CIELCh color 64, 18.343, 114.596 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, 18.343, 114.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

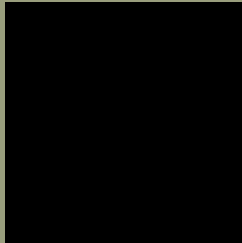
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.343, 114.596

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.343, 114.596.



This preview shows how white text looks on a background with the CIELCh color 64, 18.343, 114.596.

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, 18.343, 114.596

Protanopia

64, 17.663, 94.696

Deuteranopia

64, 17.971, 62.637



Tritanopia
64, 7.098, 309.370

Trichromacy



Original Color
64, 18.343, 114.596

Protanomaly
64, 17.813, 101.576

Deuteranomaly
64, 16.312, 81.262

Tritanomaly
64, 2.342, 90.581

Monochromacy



Original Color
64, 18.343, 114.596

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 6.722, 116.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.343, 114.596 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(153, 158, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 158, 125)  
}
```

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(153, 158, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 158, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.343, 114.596 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(153, 158, 125) }
```

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

```
.border{ border-color:rgb(153, 158, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 158, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 158, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 158, 125);  
box-shadow:4px 4px 4px 4px rgb(153, 158,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.343, 114.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 158, 125) }
```

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

```
.background{ background-color: rgb(153,  
158, 125) }
```

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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