

Converting Colors

CIELCh(63, 13.783, 83.065)

Have a look what the booklet for
CIELCh(63, 13.783, 83.065) contains.

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Color

CIELCh(63, 14.063, 84.503)

Conversions

Conversions Part 1

Format	Color
Hex	A59780
RGB	165, 151, 128
RGB Percent	65%, 59%, 50%
CMY	0.3539, 0.4087, 0.4989
CMYK	0.00, 0.08, 0.22, 0.35
HSL	37°, 17%, 57%
HSV	37°, 22%, 65%
XYZ	30.3802, 31.5869, 24.8413
YIQ	152.5640, 15.7270, -4.1850

Conversions

Conversions Part 2

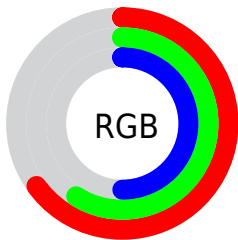
Format	Color
RYB	151, 165, 128
Decimal	10852224
CIELab	63.00, 1.35, 14.00
CIELCh	63, 14.063, 84.503
Yxy	31.5869, 0.3500, 0.3639
Android (android.graphics.Color)	4289042304 (0xFFA59780)
YUV	152.5640, -12.1101, 10.9064
Hunter-Lab	56.2022, -1.8656, 13.1354

Details

The CIELCh color $63, 14.063, 84.503$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $59, 13.819, 270.627$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 13.892, 84.511$, and $43, 13.919, 83.280$ is the 20% darker color. If you saturate the color by 10%, you get $61, 20.597, 83.189$, and if you desaturate by 10%, it is $65, 7.692, 85.787$.

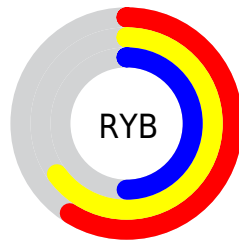
Distribution



Red (65%)

Green (59%)

Blue (50%)



Red (59%)

Yellow (65%)

Blue (50%)

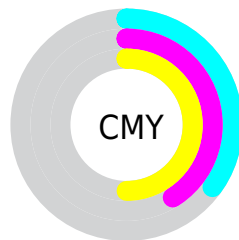


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 14.063, 84.503 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 63, 14.063, 84.503 by changing the saturation by 10% instead.

■ 63, 14.063, 84.503

■ 63, 14.063, 84.503

■ 100, 14.063,
84.503

■ 53, 14.063, 84.503

■ 83, 14.063, 84.503

■ 43, 14.063, 84.503

■ 93, 14.063, 84.503

■ 33, 14.063, 84.503

■ 23, 14.063, 84.503

■ 13, 14.063, 84.503

■ 3, 14.063, 84.503

■ 0, 14.063, 84.503

■ 63, 14.063, 84.503

■ 63, 14.063, 84.503

■ 61, 20.597, 83.189

■ 65, 7.692, 85.787

59, 27.269, 81.828

67, 1.487, 86.907

57, 34.017, 80.424

69, 4.557, 268.322

55, 40.714, 78.961

71, 10.451,
269.449

54, 47.113, 77.394

74, 16.207,
270.546

52, 52.778, 75.629

50, 57.060, 73.495

76, 21.837,
271.597

49, 59.548, 71.717

78, 27.353,
272.598

80, 30.527,
271.609

82, 28.111,
264.943

Harmonies

Complementary

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



63, 14.063, 84.503



59, 13.819, 270.627

Rectangle

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



63, 14.063, 84.503



63, 14.063, 134.503



63, 14.063, 264.503



63, 14.063, 314.503

Sweetspot

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



63, 14.064, 84.511



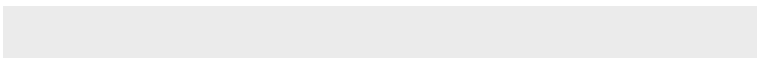
84, 5.314, 86.433



57, 16.719, 352.623



44, 3.449, 86.369



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 14.064, 84.511



79, 21.084, 83.849



66, 20.329, 113.014



34, 3.452, 86.179



43, 54.301, 72.082



3, 5.050, 82.091

Inverse Universe

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



59, 13.819, 270.627



72, 20.626, 271.523



55, 21.376, 296.792



32, 3.436, 268.611



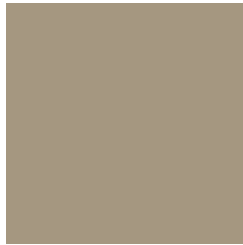
26, 58.524, 293.112



2, 5.526, 270.378

Previews

White Background



This preview shows how the CIELCh color 63, 14.063, 84.503 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 63, 14.063, 84.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

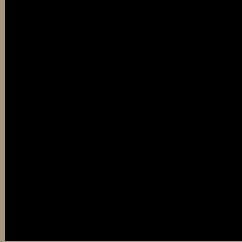
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 14.063, 84.503

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.063, 84.503.



This preview shows how white text looks on a background with the CIELCh color 63, 14.063, 84.503.

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

63, 14.063, 84.503

Protanopia

63, 13.853, 93.212

Deuteranopia

63, 15.792, 59.307



Tritanopia
63, 10.500, 344.706

Trichromacy



Original Color
63, 14.063, 84.503

Protanomaly
63, 13.970, 91.574

Deuteranomaly
63, 14.606, 66.080

Tritanomaly
63, 7.539, 24.287

Monochromacy



Original Color
63, 14.063, 84.503

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 5.377, 88.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.063, 84.503 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(165, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(165, 151, 128)  
}
```

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(165, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 151, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.063, 84.503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

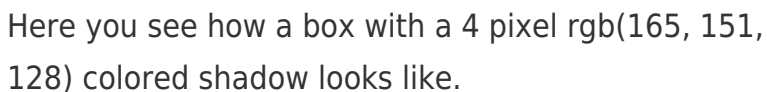
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 151, 128) }
```

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

```
.border{ border-color:rgb(165, 151, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 151, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 151, 128); box-shadow:4px 4px 4px 4px rgb(165, 151, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.063, 84.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 151, 128) }
```

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

```
.background{ background-color: rgb(165,  
151, 128) }
```

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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