

Converting Colors

CIELCh(63, 5.101, 14.655)

Have a look what the booklet for
CIELCh(63, 5.101, 14.655) contains.

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Color

CIELCh(63, 5.115, 13.564)

Conversions

Conversions Part 1

Format	Color
Hex	A29596
RGB	162, 149, 150
RGB Percent	64%, 58%, 59%
CMY	0.3629, 0.4139, 0.4100
CMYK	0.00, 0.08, 0.07, 0.36
HSL	355°, 7%, 61%
HSV	355°, 8%, 64%
XYZ	31.3569, 31.5869, 33.4920
YIQ	153.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

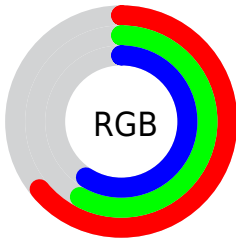
Format	Color
R_{YB}	162, 149, 150
Decimal	10655126
CIE _{Lab}	63.00, 4.97, 1.20
CIE _{LCh}	63, 5.115, 13.564
Yxy	31.5869, 0.3252, 0.3275
Android (android.graphics.Color)	4288845206 (0xFFA29596)
YUV	153.0010, -1.4795, 7.8921
Hunter-Lab	56.2022, 1.2366, 4.0095

Details

The CIELCh color **63, 5.115, 13.564** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 4.901, 192.575**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 5.188, 13.871**, and **43, 5.111, 13.284** is the 20% darker color. If you saturate the color by 10%, you get **58, 11.895, 14.550**, and if you desaturate by 10%, it is **68, 1.229, 193.293**.

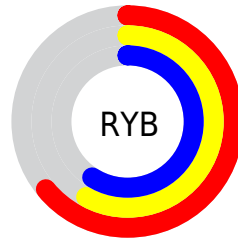
Distribution



Red (64%)

Green (58%)

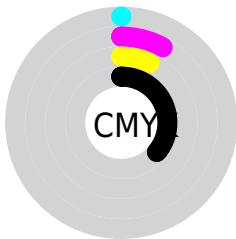
Blue (59%)



Red (64%)

Yellow (58%)

Blue (59%)

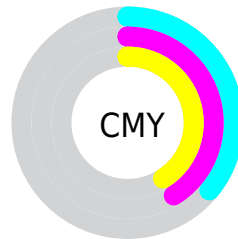


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 5.115, 13.564 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, 5.115, 13.564 by changing the saturation by 10% instead.

■ 63, 5.115, 13.564

■ 63, 5.115, 13.564

■ 100, 5.115, 13.564

■ 53, 5.115, 13.564

■ 83, 5.115, 13.564

■ 43, 5.115, 13.564

■ 93, 5.115, 13.564

■ 33, 5.115, 13.564

■ 23, 5.115, 13.564

■ 13, 5.115, 13.564

■ 3, 5.115, 13.564

■ 0, 5.115, 13.564

■ 63, 5.115, 13.564

■ 63, 5.115, 13.564

■ 58, 11.895, 14.550

■ 68, 1.229, 193.293

54, 19.108, 15.698

73, 7.152, 192.352

50, 26.706, 17.125

77, 12.687,
191.790

45, 34.580, 18.930

82, 17.870,
191.323

42, 42.555, 21.228

39, 50.392, 24.136

87, 22.739,
190.920

36, 57.826, 27.720

92, 27.329,
190.569

35, 64.584, 31.862

34, 70.333, 35.926

95, 28.753,
197.646

Harmonies

Complementary

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



63, 5.115, 13.564



66, 4.901, 192.575

Rectangle

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



63, 5.115, 13.564



63, 5.115, 63.564



63, 5.115, 193.564



63, 5.115, 243.564

Sweetspot

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



63, 5.114, 13.580



84, 1.554, 12.841



63, 8.605, 322.545



45, 0.891, 12.810



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, 5.114, 13.580



79, 7.982, 13.785



64, 4.212, 64.979



32, 3.643, 13.699



30, 65.438, 36.113



1, 5.499, 13.643

Inverse Universe

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



63, 5.114, 13.580



79, 7.982, 13.785



64, 4.096, 246.881



32, 3.643, 13.699



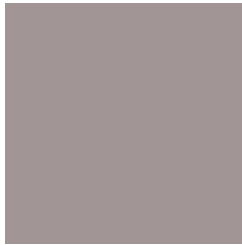
30, 65.438, 36.113



1, 5.499, 13.643

Previews

White Background



This preview shows how the CIELCh color 63, 5.115, 13.564 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 63, 5.115, 13.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

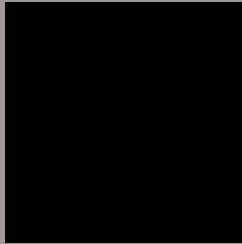
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

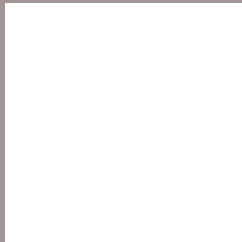
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 5.115, 13.564

Background



This preview shows how black text looks on a background with the CIELCh color 63, 5.115, 13.564.



This preview shows how white text looks on a background with the CIELCh color 63, 5.115, 13.564.

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, 5.115, 13.564

Protanopia

63, 1.158, 19.125

Deuteranopia

63, 8.025, 8.153



Tritanopia
63, 9.118, 332.931

Trichromacy



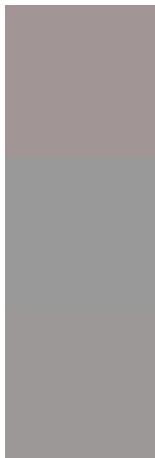
Original Color
63, 5.115, 13.564

Protanomaly
63, 2.717, 19.497

Deuteranomaly
63, 6.753, 10.525

Tritanomaly
63, 7.028, 340.601

Monochromacy



Original Color
63, 5.115, 13.564

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.546, 19.259

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 63, 5.115, 13.564 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(162, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 150)  
}
```

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(162, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 5.115, 13.564 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(162, 149, 150) }
```

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

```
.border{ border-color:rgb(162, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 5.115, 13.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 150) }
```

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

```
.background{ background-color: rgb(162,  
149, 150) }
```

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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