

Converting Colors

CIELCh(63, 6.761, 1.891)

Have a look what the booklet for
CIELCh(63, 6.761, 1.891) contains.

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Color

CIELCh(63, 7.008, 1.504)

Conversions

Conversions Part 1

Format	Color
Hex	A59498
RGB	165, 148, 152
RGB Percent	65%, 58%, 60%
CMY	0.3517, 0.4184, 0.4027
CMYK	0.00, 0.10, 0.08, 0.35
HSL	346°, 9%, 61%
HSV	346°, 10%, 65%
XYZ	31.9138, 31.5869, 34.2536
YIQ	153.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

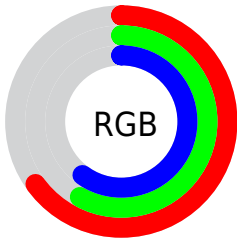
Format	Color
R _Y B	165, 148, 152
Decimal	10851480
CIE Lab	63.00, 7.01, 0.18
CIE LCh	63, 7.008, 1.504
Yxy	31.5869, 0.3265, 0.3231
Android (android.graphics.Color)	4289041560 (0xFFA59498)
YUV	153.5390, -0.7587, 10.0513
Hunter-Lab	56.2022, 3.0052, 3.2060

Details

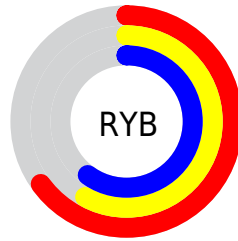
The CIELCh color $63, 7.008, 1.504$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.759, 179.753$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 6.964, 2.263$, and $43, 7.162, 0.790$ is the 20% darker color. If you saturate the color by 10%, you get $58, 14.137, 2.635$, and if you desaturate by 10%, it is $68, 0.193, 358.395$.

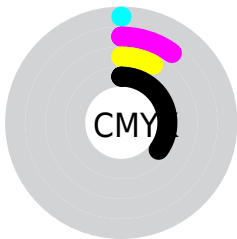
Distribution



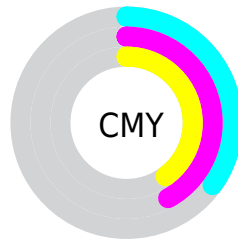
- Red (65%)
- Green (58%)
- Blue (60%)



- Red (65%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.008, 1.504 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, 7.008, 1.504 by changing the saturation by 10% instead.

■ 63, 7.008, 1.504

■ 63, 7.008, 1.504

■ 100, 7.008, 1.504

■ 53, 7.008, 1.504

■ 83, 7.008, 1.504

■ 43, 7.008, 1.504

■ 93, 7.008, 1.504

■ 33, 7.008, 1.504

■ 23, 7.008, 1.504

■ 13, 7.008, 1.504

■ 3, 7.008, 1.504

■ 0, 7.008, 1.504

■ 63, 7.008, 1.504

■ 63, 7.008, 1.504

■ 58, 14.137, 2.635

■ 68, 0.193, 358.395

54, 21.533, 3.937

73, 6.284, 179.888

50, 29.084, 5.498

77, 12.432,
179.131

46, 36.614, 7.413

82, 18.266,
178.474

42, 43.870, 9.804

39, 50.549, 12.819

87, 23.812,
177.887

37, 56.384, 16.606

92, 29.094,
177.355

35, 61.258, 21.243

34, 65.450, 26.184

94, 29.923,
183.336

95, 28.131,
196.055

95, 28.006,
197.691

Harmonies

Complementary

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



63, 7.008, 1.504



66, 6.759, 179.753

Rectangle

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



63, 7.008, 1.504



63, 7.008, 51.504



63, 7.008, 181.504



63, 7.008, 231.504

Sweetspot

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



63, 7.006, 1.513



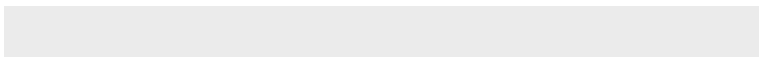
84, 2.482, 0.672



63, 10.711, 317.710



44, 1.881, 0.787



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, 7.006, 1.513



79, 10.139, 1.721



64, 5.543, 44.909



32, 3.804, 1.404



30, 59.268, 25.514



1, 5.742, 2.260

Inverse Universe

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



63, 7.006, 1.513



79, 10.139, 1.721



65, 5.222, 226.038



32, 3.804, 1.404



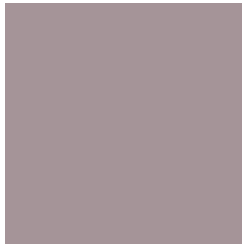
30, 59.268, 25.514



1, 5.742, 2.260

Previews

White Background



This preview shows how the CIELCh color 63, 7.008, 1.504 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, 7.008, 1.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

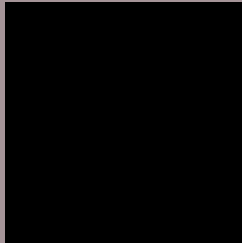
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 7.008, 1.504

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.008, 1.504.



This preview shows how white text looks on a background with the CIELCh color 63, 7.008, 1.504.

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, 7.008, 1.504

Protanopia

63, 1.620, 335.619

Deuteranopia

63, 7.762, 3.462



Tritanopia
63, 9.943, 337.988

Trichromacy



Original Color

63, 7.008, 1.504

Protanomaly

63, 3.301, 359.848

Deuteranomaly

63, 7.384, 2.530

Tritanomaly

63, 9.244, 343.147

Monochromacy



Original Color

63, 7.008, 1.504

Achromatopsia

64, 0.008, 296.813

Achromatomaly

63, 2.391, 5.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.008, 1.504 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, 148, 152)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 152)  
}
```

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, 148, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.008, 1.504 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, 148, 152) }
```

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

```
.border{ border-color:rgb(165, 148, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 152);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.008, 1.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 152) }
```

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

```
.background{ background-color: rgb(165,  
148, 152) }
```

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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