

Converting Colors

CIELCh(63, 8.697, 42.576)

Have a look what the booklet for
CIELCh(63, 8.697, 42.576) contains.

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Color

CIELCh(63, 8.697, 42.576)

Conversions

Conversions Part 1

Format	Color
Hex	A8948E
RGB	168, 148, 142
RGB Percent	66%, 58%, 56%
CMY	0.3400, 0.4185, 0.4420
CMYK	0.00, 0.12, 0.15, 0.34
HSL	14°, 13%, 61%
HSV	14°, 15%, 66%
XYZ	31.7484, 31.5869, 30.1253
YIQ	153.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

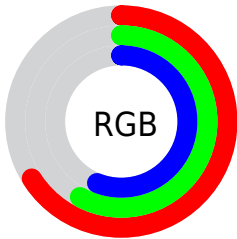
Format	Color
R_{YB}	168, 150, 142
Decimal	11048078
CIE _{Lab}	63.00, 6.40, 5.88
CIE _{LCh}	63, 8.697, 42.576
Yxy	31.5869, 0.3397, 0.3380
Android (android.graphics.Color)	4289238158 (0xFFA8948E)
YUV	153.2960, -5.5689, 12.8954
Hunter-Lab	56.2022, 2.4800, 7.5612

Details

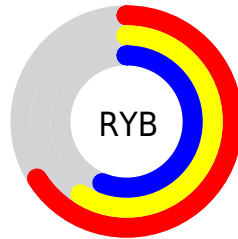
The CIELCh color $63, 8.697, 42.576$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 7.908, 223.905$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 8.495, 41.674$, and $43, 8.846, 40.054$ is the 20% darker color. If you saturate the color by 10%, you get $59, 14.913, 42.421$, and if you desaturate by 10%, it is $67, 2.950, 42.772$.

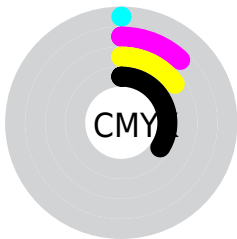
Distribution



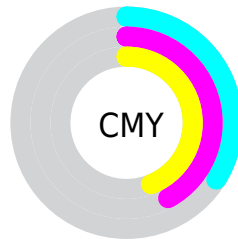
- Red (66%)
- Green (58%)
- Blue (56%)



- Red (66%)
- Yellow (59%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (34%)



- Cyan (34%)
- Magenta (42%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 8.697, 42.576 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, 8.697, 42.576 by changing the saturation by 10% instead.

 63, 8.697, 42.576  63, 8.697, 42.576

 100, 8.697, 42.576  53, 8.697, 42.576

 83, 8.697, 42.576  43, 8.697, 42.576

 93, 8.697, 42.576  33, 8.697, 42.576

 23, 8.697, 42.576

 13, 8.697, 42.576

 3, 8.697, 42.576

 0, 8.697, 42.576

 63, 8.697, 42.576  63, 8.697, 42.576

 59, 14.913, 42.421  67, 2.950, 42.772

56, 21.635, 42.365

71, 2.370, 223.488

52, 28.879, 42.460

75, 7.307, 223.765

49, 36.631, 42.736

79, 11.905,
224.186

46, 44.812, 43.200

83, 16.206,
224.644

43, 53.226, 43.806

40, 61.422, 44.373

87, 20.246,
225.119

38, 68.465, 44.468

90, 23.312,
219.299

37, 71.531, 44.724

94, 26.201,
201.402

95, 27.213,
197.740

Harmonies

Complementary

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



63, 8.697, 42.576



65, 7.908, 223.905

Rectangle

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



63, 8.697, 42.576



63, 8.697, 92.576



63, 8.697, 222.576



63, 8.697, 272.576

Sweetspot

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



63, 8.696, 42.590



85, 3.348, 42.772



62, 15.157, 332.069



45, 2.287, 42.770



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 8.696, 42.590



78, 13.469, 42.514



66, 10.678, 93.051



34, 3.107, 42.719



33, 64.647, 44.881



2, 5.574, 39.323

Inverse Universe

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



65, 7.908, 223.905



82, 11.930, 224.142



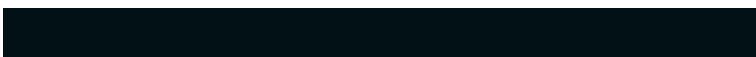
62, 10.737, 276.953



34, 2.941, 223.606



44, 29.801, 241.381



4, 5.390, 231.262

Previews

White Background



This preview shows how the CIELCh color 63, 8.697, 42.576 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, 8.697, 42.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

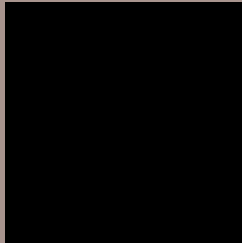
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 8.697, 42.576

Background



This preview shows how black text looks on a background with the CIELCh color 63, 8.697, 42.576.



This preview shows how white text looks on a background with the CIELCh color 63, 8.697, 42.576.

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, 8.697, 42.576

Protanopia

63, 4.860, 85.737

Deuteranopia

63, 10.056, 36.246



Tritanopia
63, 11.154, 347.161

Trichromacy



Original Color
63, 8.697, 42.576

Protanomaly
63, 5.959, 67.880

Deuteranomaly
63, 9.661, 36.887

Tritanomaly
63, 9.060, 2.392

Monochromacy



Original Color
63, 8.697, 42.576

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 2.936, 41.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 8.697, 42.576 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(168, 148, 142)` looks like.

```
.text, #text, p{  
    color:rgb(168, 148, 142)  
}
```

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(168, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 148, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 8.697, 42.576 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(168, 148, 142) }
```

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

```
.border{ border-color:rgb(168, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(168, 148,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 8.697, 42.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 148, 142) }
```

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

```
.background{ background-color: rgb(168,  
148, 142) }
```

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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