

Converting Colors

CIELCh(63, 14.016, 39.347)

Have a look what the booklet for
CIELCh(63, 14.016, 39.347) contains.

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Color

CIELCh(63, 14.267, 38.658)

Conversions

Conversions Part 1

Format	Color
Hex	B29189
RGB	178, 145, 137
RGB Percent	70%, 57%, 54%
CMY	0.3014, 0.4308, 0.4622
CMYK	0.00, 0.19, 0.23, 0.30
HSL	12°, 21%, 62%
HSV	12°, 23%, 70%
XYZ	33.0667, 31.5869, 28.0738
YIQ	153.9550, 22.2360, 4.5080

Conversions

Conversions Part 2

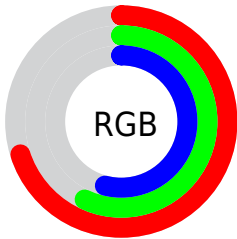
Format	Color
RYB	178, 147, 137
Decimal	11702665
CIELab	63.00, 11.14, 8.91
CIELCh	63, 14.267, 38.658
Yxy	31.5869, 0.3566, 0.3406
Android (android.graphics.Color)	4289892745 (0xFFB29189)
YUV	153.9550, -8.3588, 21.0875
Hunter-Lab	56.2022, 6.6668, 9.7254

Details

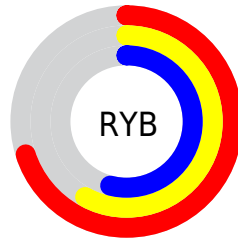
The CIELCh color $63, 14.267, 38.658$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 12.248, 219.788$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 14.237, 39.652$, and $43, 14.358, 40.279$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.328, 38.788$, and if you desaturate by 10%, it is $67, 7.744, 38.667$.

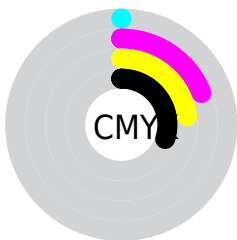
Distribution



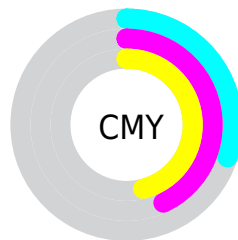
- Red (70%)
- Green (57%)
- Blue (54%)



- Red (70%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (30%)



- Cyan (30%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 14.267, 38.658 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, 14.267, 38.658 by changing the saturation by 10% instead.

63, 14.267, 38.658

63, 14.267, 38.658

100, 14.267,
38.658

53, 14.267, 38.658

83, 14.267, 38.658

43, 14.267, 38.658

93, 14.267, 38.658

33, 14.267, 38.658

23, 14.267, 38.658

13, 14.267, 38.658

3, 14.267, 38.658

0, 14.267, 38.658

63, 14.267, 38.658

63, 14.267, 38.658

59, 21.328, 38.788

67, 7.744, 38.667

■ 55, 28.949, 39.081

■ 71, 1.724, 38.579

■ 51, 37.115, 39.585

■ 76, 3.841, 219.216

■ 48, 45.751, 40.325

■ 80, 8.997, 219.416

■ 45, 54.676, 41.279

■ 84, 13.792,
219.714

■ 42, 63.479, 42.305

■ 89, 18.270,
220.050

■ 40, 71.255, 42.985

■ 93, 21.834,
211.192

■ 39, 75.906, 43.420

■ 95, 24.509,
197.906

Harmonies

Complementary

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



63, 14.267, 38.658



68, 12.248, 219.788

Rectangle

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



63, 14.267, 38.658



63, 14.267, 88.658



63, 14.267, 218.658



63, 14.267, 268.658

Sweetspot

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



63, 14.266, 38.667



88, 5.040, 38.681



62, 24.261, 331.366



47, 3.309, 38.682



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 14.266, 38.667



78, 22.005, 38.715



68, 16.241, 89.560



36, 3.324, 38.680



33, 67.429, 43.585



3, 8.004, 33.925

Inverse Universe

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



68, 12.248, 219.788



84, 18.130, 220.110



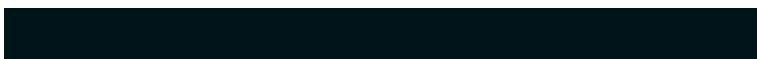
62, 16.231, 275.720



37, 3.138, 219.259



48, 29.906, 233.905



5, 7.517, 228.481

Previews

White Background



This preview shows how the CIELCh color 63, 14.267, 38.658 looks on a white background.

Color Contrast Check

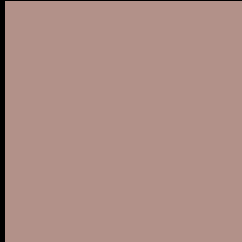
Large Text (above 18pt) WCAG AA × Fail

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, 14.267, 38.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

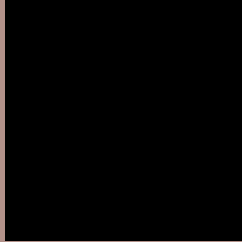
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 14.267, 38.658

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.267, 38.658.



This preview shows how white text looks on a background with the CIELCh color 63, 14.267, 38.658.

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, 14.267, 38.658

Protanopia

63, 6.564, 88.175

Deuteranopia

63, 12.014, 47.715



Tritanopia
63, 15.742, 358.212

Trichromacy



Original Color
63, 14.267, 38.658

Protanomaly
63, 8.210, 62.342

Deuteranomaly
63, 12.903, 43.122

Tritanomaly
63, 14.106, 11.778

Monochromacy



Original Color
63, 14.267, 38.658

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 4.998, 39.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.267, 38.658 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(178, 145, 137)` looks like.

```
.text, #text, p{  
    color:rgb(178, 145, 137)  
}
```

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(178, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 145, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.267, 38.658 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(178, 145, 137) }
```

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

```
.border{ border-color:rgb(178, 145, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 145, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 145, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 145, 137);  
box-shadow:4px 4px 4px 4px rgb(178, 145,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.267, 38.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 145, 137) }
```

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

```
.background{ background-color: rgb(178,  
145, 137) }
```

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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