

Converting Colors

CIELCh(63, 14.803, 41.540)

Have a look what the booklet for
CIELCh(63, 14.803, 41.540) contains.

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Color

CIELCh(63, 14.887, 40.142)

Conversions

Conversions Part 1

Format	Color
Hex	B39188
RGB	179, 145, 136
RGB Percent	70%, 57%, 53%
CMY	0.2983, 0.4316, 0.4669
CMYK	0.00, 0.19, 0.24, 0.30
HSL	13°, 22%, 62%
HSV	13°, 24%, 70%
XYZ	33.1343, 31.5869, 27.6229
YIQ	154.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

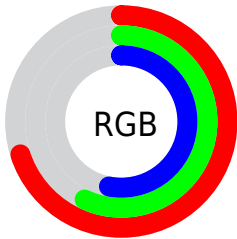
Format	Color
RYB	179, 147, 136
Decimal	11768200
CIELab	63.00, 11.38, 9.60
CIELCh	63, 14.887, 40.142
Yxy	31.5869, 0.3588, 0.3421
Android (android.graphics.Color)	4289958280 (0xFFB39188)
YUV	154.1400, -8.9430, 21.8022
Hunter-Lab	56.2022, 6.8815, 10.2011

Details

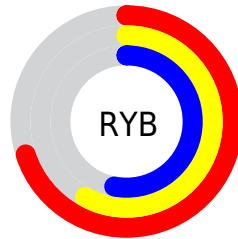
The CIELCh color $63, 14.887, 40.142$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 12.707, 221.668$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 14.817, 41.030$, and $43, 15.057, 41.765$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.969, 40.204$, and if you desaturate by 10%, it is $67, 8.342, 40.217$.

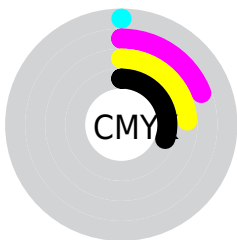
Distribution



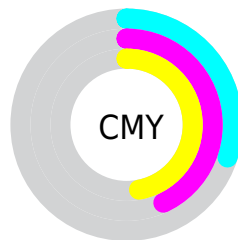
- Red (70%)
- Green (57%)
- Blue (53%)



- Red (70%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (30%)



- Cyan (30%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 14.887, 40.142 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, 14.887, 40.142 by changing the saturation by 10% instead.

■ 63, 14.887, 40.142

■ 63, 14.887, 40.142

■ 100, 14.887,
40.142

■ 53, 14.887, 40.142

■ 83, 14.887, 40.142

■ 43, 14.887, 40.142

■ 93, 14.887, 40.142

■ 33, 14.887, 40.142

■ 23, 14.887, 40.142

■ 13, 14.887, 40.142

■ 3, 14.887, 40.142

■ 0, 14.887, 40.142

■ 63, 14.887, 40.142

■ 63, 14.887, 40.142

■ 59, 21.969, 40.204

■ 67, 8.342, 40.217

55, 29.611, 40.422

71, 2.300, 40.256

52, 37.795, 40.841

75, 3.286, 220.897

48, 46.444, 41.477

80, 8.465, 221.134

45, 55.363, 42.299

84, 13.283,
221.481

43, 64.110, 43.144

88, 17.784,
221.866

40, 71.712, 43.564

39, 75.708, 43.857

92, 21.303,
213.789

95, 24.286,
197.920

Harmonies

Complementary

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



63, 14.887, 40.142



67, 12.707, 221.668

Rectangle

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



63, 14.887, 40.142



63, 14.887, 90.142



63, 14.887, 220.142



63, 14.887, 270.142

Sweetspot

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



63, 14.886, 40.151



88, 5.000, 40.282



62, 25.126, 332.032



47, 3.283, 40.279



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, 14.886, 40.151



77, 22.699, 40.162



68, 17.294, 90.722



36, 3.298, 40.266



34, 67.043, 44.072



3, 7.944, 35.128

Inverse Universe

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



67, 12.707, 221.668



84, 18.596, 222.051



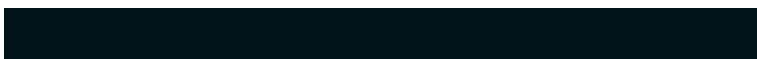
62, 17.361, 277.122



37, 3.116, 220.969



47, 30.109, 236.951



5, 7.493, 230.720

Previews

White Background



This preview shows how the CIELCh color 63, 14.887, 40.142 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, 14.887, 40.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

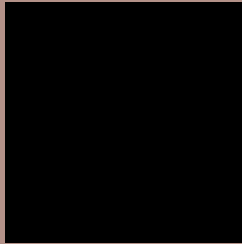
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 14.887, 40.142

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.887, 40.142.



This preview shows how white text looks on a background with the CIELCh color 63, 14.887, 40.142.

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, 14.887, 40.142

Protanopia

63, 7.088, 89.711

Deuteranopia

63, 12.677, 48.996



Tritanopia
63, 16.500, 359.408

Trichromacy



Original Color
63, 14.887, 40.142

Protanomaly
63, 8.844, 58.772

Deuteranomaly
63, 13.545, 44.544

Tritanomaly
63, 14.932, 12.376

Monochromacy



Original Color
63, 14.887, 40.142

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 5.220, 44.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.887, 40.142 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(179, 145, 136)` looks like.

```
.text, #text, p{  
    color:rgb(179, 145, 136)  
}
```

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(179, 145, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 145, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.887, 40.142 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(179, 145, 136) }
```

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

```
.border{ border-color:rgb(179, 145, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 145, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 145, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 145, 136);  
box-shadow:4px 4px 4px 4px rgb(179, 145,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.887, 40.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 145, 136) }
```

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

```
.background{ background-color: rgb(179,  
145, 136) }
```

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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