

Converting Colors

CIELCh(63, 27.922, 92.383)

Have a look what the booklet for
CIELCh(63, 27.922, 92.383) contains.

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Color

CIELCh(63, 27.977, 92.810)

Conversions

Conversions Part 1

Format	Color
Hex	A89867
RGB	168, 152, 103
RGB Percent	66%, 60%, 40%
CMY	0.3427, 0.4054, 0.5975
CMYK	0.00, 0.10, 0.39, 0.34
HSL	45°, 27%, 53%
HSV	45°, 39%, 66%
XYZ	29.6611, 31.5869, 17.2710
YIQ	151.1980, 25.2650, -11.8470

Conversions

Conversions Part 2

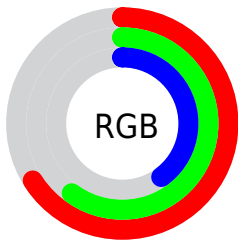
Format	Color
RYB	124, 168, 103
Decimal	11049063
CIELab	63.00, -1.37, 27.94
CIElCh	63, 27.977, 92.810
Yxy	31.5869, 0.3778, 0.4023
Android (android.graphics.Color)	4289239143 (0xFFA89867)
YUV	151.1980, -23.7616, 14.7354
Hunter-Lab	56.2022, -4.1494, 21.1217

Details

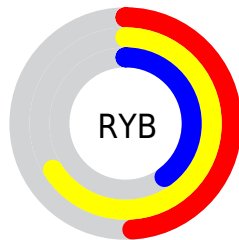
The CIELCh color **63, 27.977, 92.810** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **50, 28.867, 283.468**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.716, 92.690**, and **43, 27.934, 92.218** is the 20% darker color. If you saturate the color by 10%, you get **62, 35.189, 91.531**, and if you desaturate by 10%, it is **64, 20.699, 94.069**.

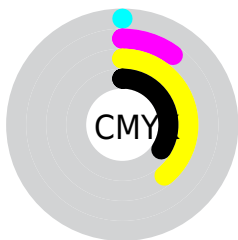
Distribution



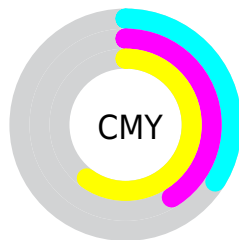
- Red (66%)
- Green (60%)
- Blue (40%)



- Red (49%)
- Yellow (66%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (39%)
- Black (34%)



- Cyan (34%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 27.977, 92.810 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, 27.977, 92.810 by changing the saturation by 10% instead.

■ 63, 27.977, 92.810

■ 63, 27.977, 92.810

■ 100, 27.977,
92.810

■ 53, 27.977, 92.810

■ 83, 27.977, 92.810

■ 43, 27.977, 92.810

■ 93, 27.977, 92.810

■ 33, 27.977, 92.810

■ 23, 27.977, 92.810

■ 13, 27.977, 92.810

■ 3, 27.977, 92.810

■ 0, 27.977, 92.810

■ 63, 27.977, 92.810

■ 63, 27.977, 92.810

■ 62, 35.189, 91.531

■ 64, 20.699, 94.069

60, 42.185, 90.219

66, 13.437, 95.290

59, 48.707, 88.867

67, 6.234, 96.465

58, 54.347, 87.444

69, 0.887, 277.822

57, 58.536, 85.889

70, 7.917, 278.765

56, 61.038, 84.153

72, 14.854,
279.813

55, 61.341, 83.941

74, 21.699,
280.818

75, 28.457,
281.775

77, 35.130,
282.683

Harmonies

Complementary

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



63, 27.977, 92.810



50, 28.867, 283.468

Rectangle

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



63, 27.977, 92.810



63, 27.977, 142.810



63, 27.977, 272.810



63, 27.977, 322.810

Sweetspot

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



63, 27.978, 92.814



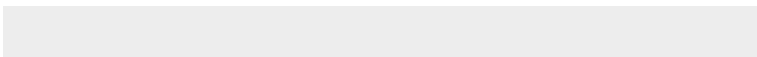
84, 10.554, 96.066



51, 28.337, 4.145



45, 7.062, 95.921



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, 27.978, 92.814



78, 41.822, 91.651



66, 35.736, 117.522



35, 4.043, 96.405



49, 56.003, 84.167



5, 6.840, 92.571

Inverse Universe

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



50, 28.867, 283.468



59, 43.706, 285.445



47, 38.892, 302.931



33, 4.075, 278.650



22, 72.626, 300.232



1, 7.644, 279.693

Previews

White Background



This preview shows how the CIELCh color 63, 27.977, 92.810 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 CIELCh color 63, 27.977, 92.810 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, 27.977, 92.810

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.977, 92.810.



This preview shows how white text looks on a background with the CIELCh color 63, 27.977, 92.810.

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, 27.977, 92.810

Protanopia

63, 27.661, 95.428

Deuteranopia

63, 28.482, 73.955



Tritanopia
63, 12.505, 351.340

Trichromacy



Original Color
63, 27.977, 92.810

Protanomaly
63, 27.759, 94.550

Deuteranomaly
63, 27.704, 80.260

Tritanomaly
63, 11.280, 49.623

Monochromacy



Original Color
63, 27.977, 92.810

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.317, 95.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.977, 92.810 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, 152, 103)` looks like.

```
.text, #text, p{  
    color:rgb(168, 152, 103)  
}
```

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, 152, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 152, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.977, 92.810 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, 152, 103) }
```

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

```
.border{ border-color:rgb(168, 152, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 152, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 152, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 152, 103);  
box-shadow:4px 4px 4px 4px rgb(168, 152,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.977, 92.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 152, 103) }
```

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

```
.background{ background-color: rgb(168,  
152, 103) }
```

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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