

Converting Colors

CIELCh(62, 39.171, 80.103)

Have a look what the booklet for
CIELCh(62, 39.171, 80.103) contains.

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Color

CIELCh(62, 39.171, 80.103)

Conversions

Conversions Part 1

Format	Color
Hex	B69051
RGB	182, 144, 81
RGB Percent	71%, 56%, 32%
CMY	0.2871, 0.4360, 0.6830
CMYK	0.00, 0.21, 0.56, 0.29
HSL	37°, 41%, 51%
HSV	37°, 56%, 71%
XYZ	30.6677, 30.4025, 12.0020
YIQ	148.1800, 42.8710, -11.5370

Conversions

Conversions Part 2

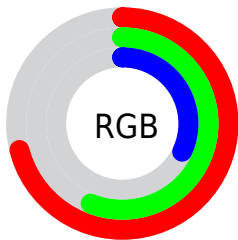
Format	Color
R _Y B	142, 182, 81
Decimal	11964497
CIE Lab	62.00, 6.73, 38.59
CIE LCh	62, 39.171, 80.103
Yxy	30.4025, 0.4197, 0.4161
Android (android.graphics.Color)	4290154577 (0xFFB69051)
YUV	148.1800, -33.1197, 29.6601
Hunter-Lab	55.1385, 2.7882, 25.6913

Details

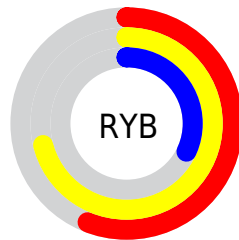
The CIELCh color **62, 39.171, 80.103** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **50, 37.766, 278.310**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 39.141, 80.369**, and **42, 39.071, 80.437** is the 20% darker color. If you saturate the color by 10%, you get **60, 46.349, 78.603**, and if you desaturate by 10%, it is **64, 31.856, 81.539**.

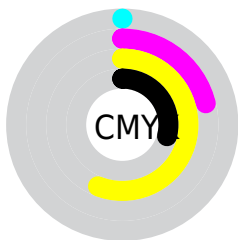
Distribution



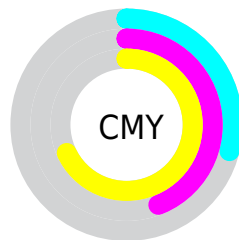
- Red (71%)
- Green (56%)
- Blue (32%)



- Red (56%)
- Yellow (71%)
- Blue (32%)



- Cyan (0%)
- Magenta (21%)
- Yellow (56%)
- Black (29%)



- Cyan (29%)
- Magenta (44%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 39.171, 80.103 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 62, 39.171, 80.103 by changing the saturation by 10% instead.

 62, 39.171, 80.103

 62, 39.171, 80.103

 100, 39.171,
80.103

 52, 39.171, 80.103

 82, 39.171, 80.103

 42, 39.171, 80.103

 92, 39.171, 80.103

 32, 39.171, 80.103

 22, 39.171, 80.103

 12, 39.171, 80.103

 2, 39.171, 80.103

 0, 39.171, 80.103

 62, 39.171, 80.103

 62, 39.171, 80.103

 60, 46.349, 78.603

 64, 31.856, 81.539

58, 53.053, 76.968

66, 24.584, 82.924

56, 58.713, 75.080

68, 17.443, 84.269

55, 62.590, 72.739

70, 10.471, 85.571

54, 64.047, 71.656

73, 3.679, 86.797

75, 2.937, 268.178

77, 9.386, 269.298

80, 15.681,
270.415

82, 21.835,
271.486

Harmonies

Complementary

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



62, 39.171, 80.103



50, 37.766, 278.310

Rectangle

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



62, 39.171, 80.103



62, 39.171, 130.103



62, 39.171, 260.103



62, 39.171, 310.103

Sweetspot

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



62, 39.171, 80.107



89, 14.251, 85.347



48, 45.009, 357.675



47, 9.635, 85.089



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 39.171, 80.107



76, 58.767, 78.194



71, 52.488, 110.574



38, 3.814, 86.347



46, 57.064, 72.076



6, 9.329, 75.431

Inverse Universe

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



50, 37.766, 278.310



58, 57.024, 282.234



40, 61.072, 301.252



36, 3.796, 268.816



28, 62.112, 293.491



3, 11.408, 275.576

Previews

White Background



This preview shows how the CIELCh color 62, 39.171, 80.103 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 62, 39.171, 80.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

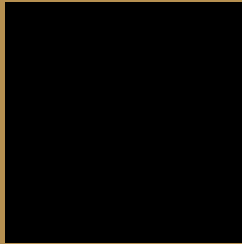
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 39.171, 80.103

Background



This preview shows how black text looks on a background with the CIELCh color 62, 39.171, 80.103.



This preview shows how white text looks on a background with the CIELCh color 62, 39.171, 80.103.

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


62, 39.171, 80.103

Protanopia

62, 37.298, 95.693

Deuteranopia

62, 39.430, 78.079



Tritanopia
62, 21.216, 4.999

Trichromacy



Original Color
62, 39.171, 80.103

Protanomaly
62, 37.773, 90.185

Deuteranomaly
62, 39.194, 78.649

Tritanomaly
62, 21.661, 45.172

Monochromacy



Original Color
62, 39.171, 80.103

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.641, 83.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 39.171, 80.103 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(182, 144, 81)` looks like.

```
.text, #text, p{  
    color:rgb(182, 144, 81)  
}
```

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(182, 144, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 144, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 39.171, 80.103 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(182, 144, 81) }
```

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

```
.border{ border-color:rgb(182, 144, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 144, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 144, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 144, 81);  
box-shadow:4px 4px 4px 4px rgb(182, 144,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 39.171, 80.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 144, 81) }
```

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

```
.background{ background-color: rgb(182,  
144, 81) }
```

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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