

Converting Colors

CIELCh(62, 12.358, 59.767)

Have a look what the booklet for
CIELCh(62, 12.358, 59.767) contains.

CIELCh(62, 12.337, 59.202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 12.337, 59.202)

Conversions

Conversions Part 1

Format	Color
Hex	A89183
RGB	168, 145, 131
RGB Percent	66%, 57%, 51%
CMY	0.3395, 0.4297, 0.4846
CMYK	0.00, 0.14, 0.22, 0.34
HSL	23°, 18%, 59%
HSV	23°, 22%, 66%
XYZ	30.5562, 30.4025, 25.8781
YIQ	150.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

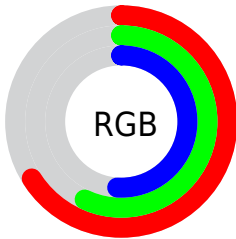
Format	Color
RYB	168, 154, 131
Decimal	11047299
CIELab	62.00, 6.32, 10.60
CIELCh	62, 12.337, 59.202
Yxy	30.4025, 0.3519, 0.3501
Android (android.graphics.Color)	4289237379 (0xFFA89183)
YUV	150.2810, -9.5055, 15.5396
Hunter-Lab	55.1385, 2.4274, 10.7704

Details

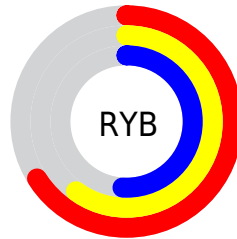
The CIELCh color **62, 12.337, 59.202** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 11.145, 243.885**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 12.478, 59.145**, and **42, 12.030, 60.459** is the 20% darker color. If you saturate the color by 10%, you get **59, 18.561, 58.351**, and if you desaturate by 10%, it is **65, 6.507, 60.093**.

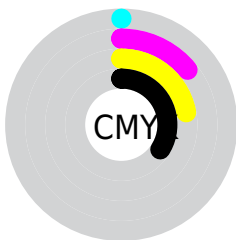
Distribution



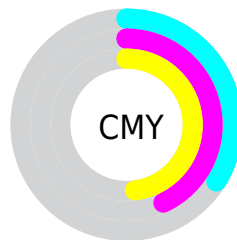
- Red (66%)
- Green (57%)
- Blue (51%)



- Red (66%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (34%)



- Cyan (34%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 12.337, 59.202 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, 12.337, 59.202 by changing the saturation by 10% instead.

■ 62, 12.337, 59.202

■ 62, 12.337, 59.202

■ 100, 12.337,
59.202

■ 52, 12.337, 59.202

■ 82, 12.337, 59.202

■ 42, 12.337, 59.202

■ 92, 12.337, 59.202

■ 32, 12.337, 59.202

■ 22, 12.337, 59.202

■ 12, 12.337, 59.202

■ 2, 12.337, 59.202

■ 0, 12.337, 59.202

■ 62, 12.337, 59.202

■ 62, 12.337, 59.202

■ 59, 18.561, 58.351

■ 65, 6.507, 60.093

56, 25.202, 57.533

68, 1.038, 60.697

53, 32.258, 56.769

72, 4.106, 242.126

50, 39.680, 56.050

75, 8.962, 243.012

48, 47.322, 55.330

78, 13.563,
243.926

45, 54.840, 54.477

82, 17.940,
244.829

43, 61.528, 53.193

41, 66.229, 52.017

85, 22.122,
245.713

88, 22.810,
234.914

91, 23.378,
218.170

Harmonies

Complementary

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



62, 12.337, 59.202



62, 11.145, 243.885

Rectangle

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



62, 12.337, 59.202



62, 12.337, 109.202



62, 12.337, 239.202



62, 12.337, 289.202

Sweetspot

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



62, 12.337, 59.213



85, 4.639, 60.499



59, 19.477, 338.749



44, 3.015, 60.455



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 12.337, 59.213



77, 18.362, 58.821



67, 17.707, 101.775



34, 3.045, 60.323



36, 59.980, 52.432



3, 5.381, 54.743

Inverse Universe

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



62, 11.145, 243.885



78, 16.203, 244.561



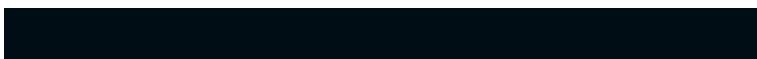
57, 18.329, 286.849



34, 2.929, 242.307



37, 37.119, 268.278



3, 5.602, 250.556

Previews

White Background



This preview shows how the CIELCh color 62, 12.337, 59.202 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, 12.337, 59.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

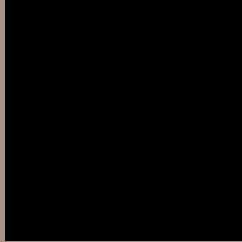
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 12.337, 59.202

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.337, 59.202.



This preview shows how white text looks on a background with the CIELCh color 62, 12.337, 59.202.

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, 12.337, 59.202

Protanopia

62, 9.372, 91.578

Deuteranopia

62, 13.045, 51.021



Tritanopia
62, 12.895, 352.283

Trichromacy



Original Color
62, 12.337, 59.202

Protanomaly
62, 10.403, 78.534

Deuteranomaly
62, 12.648, 54.997

Tritanomaly
62, 10.811, 14.547

Monochromacy



Original Color
62, 12.337, 59.202

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.201, 61.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.337, 59.202 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, 145, 131)` looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 131)  
}
```

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, 145, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.337, 59.202 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, 145, 131) }
```

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

```
.border{ border-color:rgb(168, 145, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 145, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 131);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.337, 59.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 131) }
```

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

```
.background{ background-color: rgb(168,  
145, 131) }
```

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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