

Converting Colors

CIELCh(61, 18.174, 42.367)

Have a look what the booklet for
CIELCh(61, 18.174, 42.367) contains.

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Color

CIELCh(61, 18.202, 42.371)

Conversions

Conversions Part 1

Format	Color
Hex	B28A7E
RGB	178, 138, 126
RGB Percent	70%, 54%, 49%
CMY	0.3010, 0.4579, 0.5050
CMYK	0.00, 0.22, 0.29, 0.30
HSL	14°, 25%, 60%
HSV	14°, 29%, 70%
XYZ	31.3173, 29.2481, 23.8091
YIQ	148.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

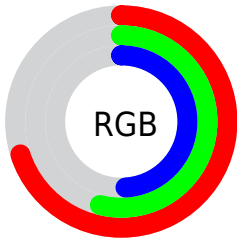
Format	Color
R_{YB}	178, 142, 126
Decimal	11700862
CIE _{Lab}	61.00, 13.45, 12.27
CIE _{LCh}	61, 18.202, 42.371
Yxy	29.2481, 0.3712, 0.3466
Android (android.graphics.Color)	4289890942 (0xFFB28A7E)
YUV	148.5920, -11.1379, 25.7908
Hunter-Lab	54.0815, 8.7223, 11.7550

Details

The CIELCh color **61, 18.202, 42.371** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **66, 15.009, 224.903**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 18.224, 42.570**, and **41, 18.093, 42.684** is the 20% darker color. If you saturate the color by 10%, you get **57, 25.457, 42.377**, and if you desaturate by 10%, it is **65, 11.487, 42.510**.

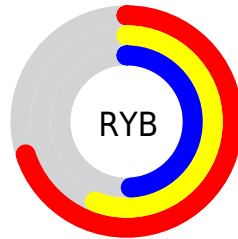
Distribution



Red (70%)

Green (54%)

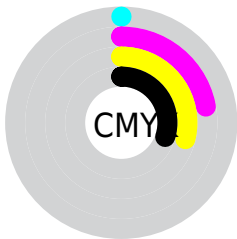
Blue (49%)



Red (70%)

Yellow (56%)

Blue (49%)

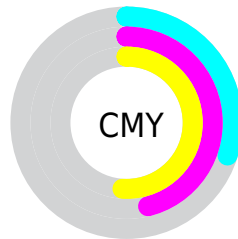


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (30%)



Cyan (30%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 18.202, 42.371 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 61, 18.202, 42.371 by changing the saturation by 10% instead.

61, 18.202, 42.371

61, 18.202, 42.371

100, 18.202,
42.371

51, 18.202, 42.371

81, 18.202, 42.371

41, 18.202, 42.371

91, 18.202, 42.371

31, 18.202, 42.371

21, 18.202, 42.371

11, 18.202, 42.371

1, 18.202, 42.371

0, 18.202, 42.371

61, 18.202, 42.371

61, 18.202, 42.371

57, 25.457, 42.377

65, 11.487, 42.510

54, 33.262, 42.541

69, 5.283, 42.714

50, 41.578, 42.895

73, 0.454, 224.222

47, 50.284, 43.429

77, 5.771, 223.623

44, 59.089, 44.056

81, 10.715,
224.020

42, 67.332, 44.496

85, 15.330,
224.469

40, 74.182, 44.537

90, 19.657,
224.941

40, 74.755, 44.601

93, 22.372,
207.541

95, 24.482,
197.908

Harmonies

Complementary

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



61, 18.202, 42.371



66, 15.009, 224.903

Rectangle

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



61, 18.202, 42.371



61, 18.202, 92.371



61, 18.202, 222.371



61, 18.202, 272.371

Sweetspot

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



61, 18.201, 42.378



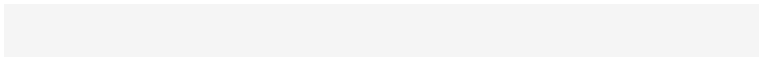
87, 6.414, 42.715



59, 30.058, 332.999



46, 4.519, 42.685



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 18.201, 42.378



75, 27.769, 42.360



68, 21.340, 91.319



36, 3.263, 42.711



34, 66.426, 44.869



3, 7.859, 36.981

Inverse Universe

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



66, 15.009, 224.903



82, 21.793, 225.537



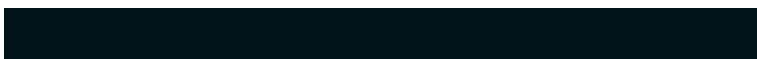
59, 21.562, 279.204



37, 3.087, 223.602



46, 30.565, 241.510



5, 7.479, 234.065

Previews

White Background



This preview shows how the CIELCh color 61, 18.202, 42.371 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 18.202, 42.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

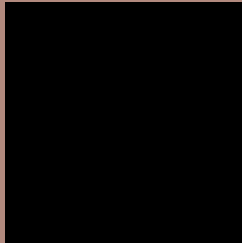
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 18.202, 42.371

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.202, 42.371.



This preview shows how white text looks on a background with the CIELCh color 61, 18.202, 42.371.

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


61, 18.202, 42.371

Protanopia

61, 9.395, 91.557

Deuteranopia

61, 14.481, 58.189



Tritanopia
61, 18.922, 2.558

Trichromacy



Original Color
61, 18.202, 42.371

Protanomaly
61, 11.523, 66.466

Deuteranomaly
61, 15.549, 52.874

Tritanomaly
61, 17.525, 15.774

Monochromacy



Original Color
61, 18.202, 42.371

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 6.384, 40.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.202, 42.371 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, 138, 126)` looks like.

```
.text, #text, p{  
    color:rgb(178, 138, 126)  
}
```

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, 138, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 138, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.202, 42.371 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, 138, 126) }
```

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

```
.border{ border-color:rgb(178, 138, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 138, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 138, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 138, 126);  
box-shadow:4px 4px 4px 4px rgb(178, 138,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.202, 42.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 138, 126) }
```

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

```
.background{ background-color: rgb(178,  
138, 126) }
```

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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