

Converting Colors

CIELCh(61, 62.245, 82.987)

Have a look what the booklet for
CIELCh(61, 62.245, 82.987) contains.

CIELCh(61, 62.167, 82.906)	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(61, 62.167, 82.906)

Conversions

Conversions Part 1

Format	Color
Hex	BA8C17
RGB	186, 140, 23
RGB Percent	73%, 55%, 9%
CMY	0.2707, 0.4510, 0.9099
CMYK	0.00, 0.25, 0.88, 0.27
HSL	43°, 78%, 41%
HSV	43°, 88%, 73%
XYZ	29.7736, 29.2481, 4.8852
YIQ	140.4160, 64.9730, -26.6350

Conversions

Conversions Part 2

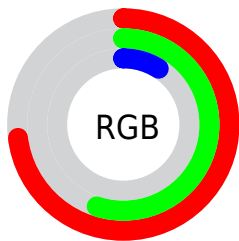
Format	Color
R_{YB}	87, 186, 23
Decimal	12225559
CIE _{Lab}	61.00, 7.68, 61.69
CIE _{LCh}	61, 62.167, 82.906
Yxy	29.2481, 0.4659, 0.4577
Android (android.graphics.Color)	4290415639 (0xFFBA8C17)
YUV	140.4160, -57.8861, 39.9772
Hunter-Lab	54.0815, 3.6273, 32.5014

Details

The CIELCh color **61, 62.167, 82.906** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **34, 72.385, 295.265**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 62.139, 82.880**, and **41, 49.802, 79.917** is the 20% darker color. If you saturate the color by 10%, you get **60, 64.985, 80.911**, and if you desaturate by 10%, it is **62, 57.352, 84.620**.

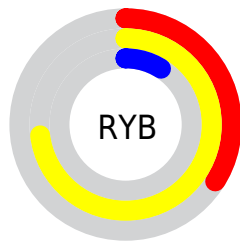
Distribution



Red (73%)

Green (55%)

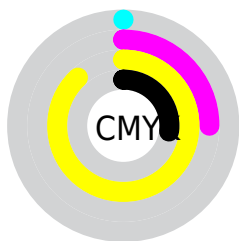
Blue (9%)



Red (34%)

Yellow (73%)

Blue (9%)

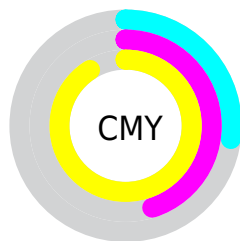


Cyan (0%)

Magenta (25%)

Yellow (88%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 62.167, 82.906 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, 62.167, 82.906 by changing the saturation by 10% instead.

61, 62.167, 82.906

61, 62.167, 82.906

100, 62.167,
82.906

51, 62.167, 82.906

81, 62.167, 82.906

41, 62.167, 82.906

91, 62.167, 82.906

31, 62.167, 82.906

21, 62.167, 82.906

11, 62.167, 82.906

1, 62.167, 82.906

0, 62.167, 82.906

61, 62.167, 82.906

61, 62.167, 82.906

60, 64.985, 80.911

62, 57.352, 84.620

59, 65.567, 80.437

64, 51.061, 86.149

66, 43.922, 87.581

67, 36.368, 88.956

69, 28.656, 90.292

71, 20.930, 91.592

72, 13.265, 92.853

74, 5.699, 94.060

76, 1.752, 275.389

Harmonies

Complementary

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



61, 62.167, 82.906



34, 72.385, 295.265

Rectangle

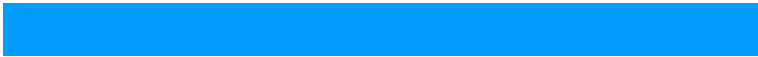
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 62.167, 82.906



61, 62.167, 132.906



61, 62.167, 262.906



61, 62.167, 312.906

Sweetspot

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



61, 62.166, 82.909



90, 24.380, 91.748



40, 64.839, 16.225



47, 16.698, 91.301



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 62.166, 82.909



76, 79.873, 80.002



71, 75.309, 114.836



38, 4.185, 93.863



50, 57.507, 80.793



7, 10.222, 86.001

Inverse Universe

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



34, 72.385, 295.265



39, 103.332, 299.760



27, 96.476, 307.062



36, 4.206, 276.200



24, 72.042, 298.765



2, 12.317, 280.131

Previews

White Background



This preview shows how the CIELCh color 61, 62.167, 82.906 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, 62.167, 82.906 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, 62.167, 82.906

Background



This preview shows how black text looks on a background with the CIELCh color 61, 62.167, 82.906.



This preview shows how white text looks on a background with the CIELCh color 61, 62.167, 82.906.

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, 62.167, 82.906

Protanopia

61, 60.676, 95.392

Deuteranopia

61, 62.167, 82.906



Tritanopia
61, 26.088, 10.088

Trichromacy



Original Color
61, 62.167, 82.906

Protanomaly
61, 60.837, 90.868

Deuteranomaly
61, 62.167, 82.906

Tritanomaly
61, 33.179, 58.947

Monochromacy



Original Color
61, 62.167, 82.906

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 25.314, 90.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 62.167, 82.906 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(186, 140, 23)` looks like.

```
.text, #text, p{  
    color:rgb(186, 140, 23)  
}
```

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(186, 140, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 140, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 62.167, 82.906 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(186, 140, 23) }
```

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

```
.border{ border-color:rgb(186, 140, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 140, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 140, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 140, 23);  
box-shadow:4px 4px 4px 4px rgb(186, 140,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 62.167, 82.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 140, 23) }
```

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

```
.background{ background-color: rgb(186,  
140, 23) }
```

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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