

Converting Colors

CIELCh(61, 58.741, 82.227)

Have a look what the booklet for
CIELCh(61, 58.741, 82.227) contains.

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Color

CIELCh(61, 58.721, 82.154)

Conversions

Conversions Part 1

Format	Color
Hex	BA8C23
RGB	186, 140, 35
RGB Percent	73%, 55%, 14%
CMY	0.2713, 0.4516, 0.8634
CMYK	0.00, 0.25, 0.81, 0.27
HSL	42°, 68%, 43%
HSV	42°, 81%, 73%
XYZ	29.8628, 29.2481, 5.6476
YIQ	141.7840, 61.1210, -22.9030

Conversions

Conversions Part 2

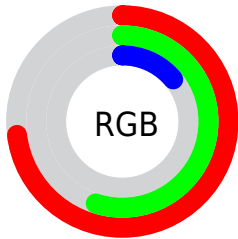
Format	Color
R_{YB}	101, 186, 35
Decimal	12225571
CIE _{Lab}	61.00, 8.02, 58.17
CIE _{LCh}	61, 58.721, 82.154
Yxy	29.2481, 0.4611, 0.4516
Android (android.graphics.Color)	4290415651 (0xFFBA8C23)
YUV	141.7840, -52.6445, 38.7774
Hunter-Lab	54.0815, 3.9215, 31.6656

Details

The CIELCh color **61, 58.721, 82.154** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **37, 64.329, 291.797**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 58.785, 82.013**, and **41, 49.802, 79.917** is the 20% darker color. If you saturate the color by 10%, you get **59, 62.961, 80.251**, and if you desaturate by 10%, it is **63, 52.797, 83.801**.

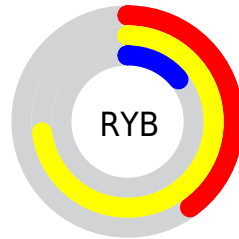
Distribution



Red (73%)

Green (55%)

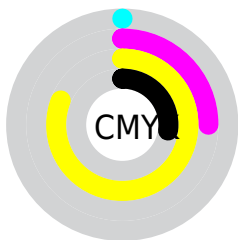
Blue (14%)



Red (40%)

Yellow (73%)

Blue (14%)

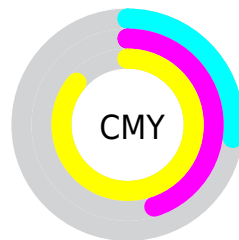


Cyan (0%)

Magenta (25%)

Yellow (81%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 58.721, 82.154 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, 58.721, 82.154 by changing the saturation by 10% instead.

■ 61, 58.721, 82.154

■ 61, 58.721, 82.154

■ 100, 58.721,
82.154

■ 51, 58.721, 82.154

■ 81, 58.721, 82.154

■ 41, 58.721, 82.154

■ 91, 58.721, 82.154

■ 31, 58.721, 82.154

■ 21, 58.721, 82.154

■ 11, 58.721, 82.154

■ 1, 58.721, 82.154

■ 0, 58.721, 82.154

■ 61, 58.721, 82.154

■ 61, 58.721, 82.154

■ 59, 62.961, 80.251

■ 63, 52.797, 83.801

58, 65.260, 78.353

64, 45.879, 85.302

66, 38.467, 86.725

68, 30.863, 88.098

69, 23.237, 89.432

71, 15.678, 90.727

73, 8.227, 91.974

75, 0.905, 92.984

77, 6.287, 274.418

Harmonies

Complementary

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



61, 58.721, 82.154



37, 64.329, 291.797

Rectangle

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



61, 58.721, 82.154



61, 58.721, 132.154



61, 58.721, 262.154



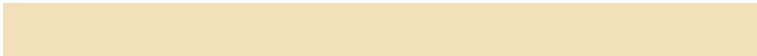
61, 58.721, 312.154

Sweetspot

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



61, 58.720, 82.157



90, 22.012, 90.325



42, 61.474, 10.508



47, 15.289, 89.861



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, 58.720, 82.157



75, 79.114, 78.351



71, 71.960, 112.995



38, 4.091, 92.207



49, 57.260, 78.738



7, 9.971, 83.567

Inverse Universe

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



37, 64.329, 291.797



41, 97.999, 298.089



29, 91.261, 306.117



36, 4.103, 274.581



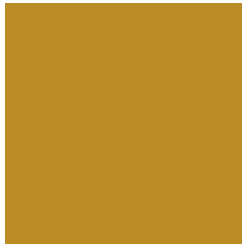
25, 69.731, 297.667



2, 12.095, 279.115

Previews

White Background



This preview shows how the CIELCh color 61, 58.721, 82.154 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, 58.721, 82.154 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, 58.721, 82.154

Background



This preview shows how black text looks on a background with the CIELCh color 61, 58.721, 82.154.



This preview shows how white text looks on a background with the CIELCh color 61, 58.721, 82.154.

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, 58.721, 82.154

Protanopia

61, 57.054, 95.320

Deuteranopia

61, 58.721, 82.154



Tritanopia
61, 25.685, 9.838

Trichromacy



Original Color
61, 58.721, 82.154

Protanomaly
61, 57.278, 90.541

Deuteranomaly
61, 58.721, 82.154

Tritanomaly
61, 31.213, 55.634

Monochromacy



Original Color
61, 58.721, 82.154

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 22.632, 88.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 58.721, 82.154 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(186, 140, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 140, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 58.721, 82.154 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, 35) }
```

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

```
.border{ border-color:rgb(186, 140, 35) }
```

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, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 140, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 140, 35);  
box-shadow:4px 4px 4px 4px rgb(186, 140,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 58.721, 82.154 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, 35) }
```

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

```
.background{ background-color: rgb(186,  
140, 35) }
```

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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