

Converting Colors

CIELCh(62, 59.570, 81.122)

Have a look what the booklet for
CIELCh(62, 59.570, 81.122) contains.

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Color

CIELCh(62, 59.699, 81.152)

Conversions

Conversions Part 1

Format	Color
Hex	BF8E24
RGB	191, 142, 36
RGB Percent	75%, 56%, 14%
CMY	0.2524, 0.4444, 0.8603
CMYK	0.00, 0.26, 0.81, 0.25
HSL	41°, 69%, 44%
HSV	41°, 81%, 75%
XYZ	31.3296, 30.4025, 5.8561
YIQ	144.5670, 63.2300, -22.5780

Conversions

Conversions Part 2

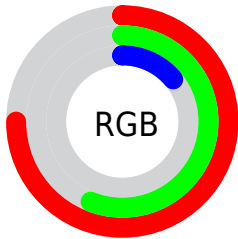
Format	Color
RYB	108, 191, 36
Decimal	12553764
CIELab	62.00, 9.18, 58.99
CIELCh	62, 59.699, 81.152
Yxy	30.4025, 0.4635, 0.4498
Android (android.graphics.Color)	4290743844 (0xFFBF8E24)
YUV	144.5670, -53.5235, 40.7217
Hunter-Lab	55.1385, 4.9312, 32.2999

Details

The CIELCh color **62, 59.699, 81.152** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **39, 64.593, 291.165**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 59.730, 81.080**, and **42, 51.087, 78.779** is the 20% darker color. If you saturate the color by 10%, you get **60, 64.062, 79.193**, and if you desaturate by 10%, it is **64, 53.624, 82.833**.

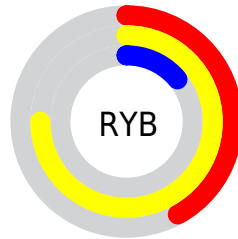
Distribution



Red (75%)

Green (56%)

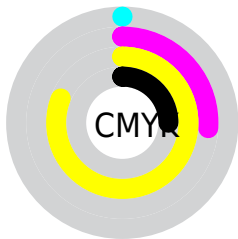
Blue (14%)



Red (42%)

Yellow (75%)

Blue (14%)

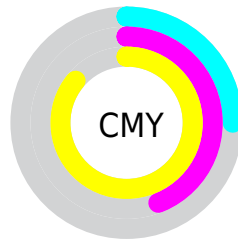


Cyan (0%)

Magenta (26%)

Yellow (81%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 59.699, 81.152 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, 59.699, 81.152 by changing the saturation by 10% instead.

62, 59.699, 81.152

62, 59.699, 81.152

100, 59.699,
81.152

52, 59.699, 81.152

82, 59.699, 81.152

42, 59.699, 81.152

92, 59.699, 81.152

32, 59.699, 81.152

22, 59.699, 81.152

12, 59.699, 81.152

2, 59.699, 81.152

0, 59.699, 81.152

62, 59.699, 81.152

62, 59.699, 81.152

60, 64.062, 79.193

64, 53.624, 82.833

59, 66.410, 77.233

65, 46.554, 84.357

67, 38.999, 85.796

69, 31.269, 87.183

71, 23.532, 88.529

73, 15.876, 89.835

75, 8.344, 91.092

77, 0.950, 92.112

79, 6.303, 273.559

Harmonies

Complementary

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



62, 59.699, 81.152



39, 64.593, 291.165

Rectangle

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



62, 59.699, 81.152



62, 59.699, 131.152



62, 59.699, 261.152



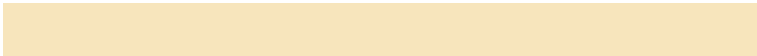
62, 59.699, 311.152

Sweetspot

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



62, 59.698, 81.155



91, 22.156, 89.438



43, 62.749, 10.588



48, 15.394, 88.967



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 59.698, 81.155



75, 80.253, 77.249



73, 73.440, 112.997



39, 4.138, 91.331



50, 57.852, 77.647



7, 11.244, 81.297

Inverse Universe

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



39, 64.593, 291.165



42, 97.982, 297.544



30, 93.201, 306.135



37, 4.144, 273.732



26, 69.461, 297.122



3, 13.655, 279.593

Previews

White Background



This preview shows how the CIELCh color 62, 59.699, 81.152 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, 59.699, 81.152 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, 59.699, 81.152

Background



This preview shows how black text looks on a background with the CIELCh color 62, 59.699, 81.152.



This preview shows how white text looks on a background with the CIELCh color 62, 59.699, 81.152.

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, 59.699, 81.152

Protanopia

62, 57.553, 94.962

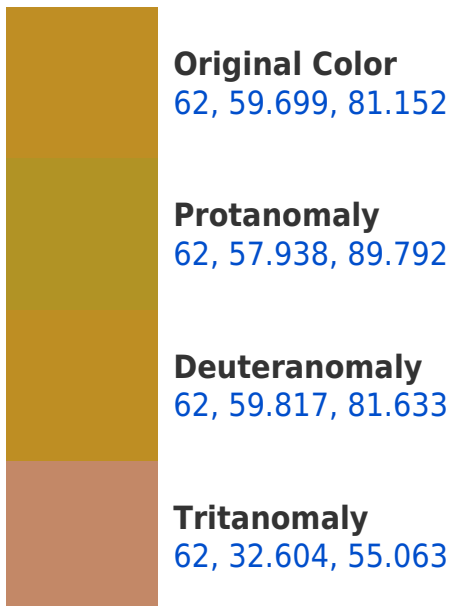
Deuteranopia

62, 59.616, 82.038



Tritanopia
62, 26.825, 10.521

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 59.699, 81.152 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(191, 142, 36)` looks like.

```
.text, #text, p{  
    color:rgb(191, 142, 36)  
}
```

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(191, 142, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 142, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 59.699, 81.152 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(191, 142, 36) }
```

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

```
.border{ border-color:rgb(191, 142, 36) }
```

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

Here you see how a box with a 4 pixel rgb(191, 142, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 142, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 142, 36);  
box-shadow:4px 4px 4px 4px rgb(191, 142,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 59.699, 81.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 142, 36) }
```

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

```
.background{ background-color: rgb(191,  
142, 36) }
```

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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