

Converting Colors

CIELCh(60, 62.878, 102.738)

Have a look what the booklet for
CIELCh(60, 62.878, 102.738)
contains.

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Color

CIELCh(60, 62.786, 102.655)

Conversions

Conversions Part 1

Format	Color
Hex	96950F
RGB	150, 149, 15
RGB Percent	59%, 58%, 6%
CMY	0.4106, 0.4146, 0.9431
CMYK	0.00, 0.01, 0.90, 0.41
HSL	60°, 82%, 32%
HSV	60°, 90%, 59%
XYZ	23.5026, 28.1233, 4.6232
YIQ	134.0230, 43.6100, -41.4620

Conversions

Conversions Part 2

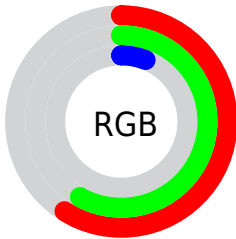
Format	Color
R_{YB}	16, 150, 15
Decimal	9868559
CIE _{Lab}	60.00, -13.76, 61.26
CIE _{LCh}	60, 62.786, 102.655
Yxy	28.1233, 0.4178, 0.5000
Android (android.graphics.Color)	4288058639 (0xFF96950F)
YUV	134.0230, -58.6783, 14.0118
Hunter-Lab	53.0314, -13.6969, 31.9532

Details

The CIELCh color **60, 62.786, 102.655** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19, 84.541, 305.062**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 62.790, 102.914**, and **40, 48.483, 105.206** is the 20% darker color. If you saturate the color by 10%, you get **60, 64.965, 102.391**, and if you desaturate by 10%, it is **60, 59.248, 103.067**.

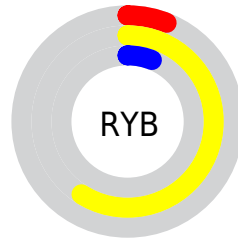
Distribution



Red (59%)

Green (58%)

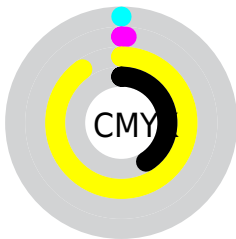
Blue (6%)



Red (6%)

Yellow (59%)

Blue (6%)

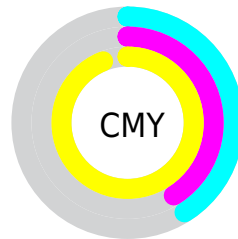


Cyan (0%)

Magenta (1%)

Yellow (90%)

Black (41%)



Cyan (41%)


Magenta (41%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 62.786, 102.655 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 60, 62.786, 102.655 by changing the saturation by 10% instead.


 60, 62.786,
102.655


 60, 62.786,
102.655


 100, 62.786,
102.655


 50, 62.786,
102.655


 80, 62.786,
102.655

 40, 62.786,
102.655

 90, 62.786,
102.655

 30, 62.786,
102.655

 20, 62.786,
102.655

 10, 62.786,
102.655

 0, 62.786, 102.655

 60, 62.786,

 60, 62.786,

102.655

■ 60, 64.965,
102.391

102.655

■ 60, 59.248,
103.067

■ 60, 54.148,
103.647

■ 60, 47.853,
104.365

■ 61, 40.731,
105.185

■ 61, 33.074,
106.074

■ 61, 25.088,
107.003

■ 61, 16.906,
107.952

■ 62, 8.618, 108.901

Harmonies

Complementary

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



60, 62.786, 102.655



19, 84.541, 305.062

Rectangle

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



60, 62.786, 102.655



60, 62.786, 152.655



60, 62.786, 282.655



60, 62.786, 332.655

Sweetspot

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



60, 62.786, 102.657



78, 27.808, 107.267



32, 64.334, 36.008



41, 18.850, 106.973



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 62.786, 102.657



77, 79.158, 102.382



56, 69.745, 126.403



31, 4.646, 109.010



55, 60.955, 102.395



3, 4.082, 109.879

Inverse Universe

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



19, 84.541, 305.062



24, 109.582, 306.204



24, 79.905, 312.031



28, 4.744, 290.811



15, 84.233, 306.159



0, 4.082, 289.881

Previews

White Background



This preview shows how the CIELCh color 60, 62.786, 102.655 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 CIE LCh color 60, 62.786, 102.655 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 60, 62.786, 102.655

Background



This preview shows how black text looks on a background with the CIELCh color 60, 62.786, 102.655.



This preview shows how white text looks on a background with the CIELCh color 60, 62.786, 102.655.

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

60, 62.605, 102.673

Protanopia

60, 62.243, 95.272

Deuteranopia

60, 60.209, 82.746



Tritanopia
60, 10.287, 343.426

Trichromacy



Original Color
60, 62.605, 102.673

Protanomaly
60, 62.336, 98.358

Deuteranomaly
60, 60.077, 90.145

Tritanomaly
60, 24.193, 93.947

Monochromacy



Original Color
60, 62.605, 102.673

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 27.407, 106.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 62.786, 102.655 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(150, 149, 15)` looks like.

```
.text, #text, p{  
    color:rgb(150, 149, 15)  
}
```

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(150, 149, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 149, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 62.786, 102.655 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(150, 149, 15) }
```

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

```
.border{ border-color:rgb(150, 149, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 149, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 149, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 149, 15);  
box-shadow:4px 4px 4px 4px rgb(150, 149,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 62.786, 102.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 149, 15) }
```

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

```
.background{ background-color: rgb(150,  
149, 15) }
```

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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