

Converting Colors

CIELCh(61, 63.099, 105.049)

Have a look what the booklet for
CIELCh(61, 63.099, 105.049)
contains.

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Color

CIELCh(61, 63.007, 104.859)

Conversions

Conversions Part 1

Format	Color
Hex	959914
RGB	149, 153, 20
RGB Percent	58%, 60%, 8%
CMY	0.4154, 0.3998, 0.9212
CMYK	0.03, 0.00, 0.87, 0.40
HSL	62°, 77%, 34%
HSV	62°, 87%, 60%
XYZ	23.9339, 29.2481, 5.0502
YIQ	136.6420, 40.3090, -42.2110

Conversions

Conversions Part 2

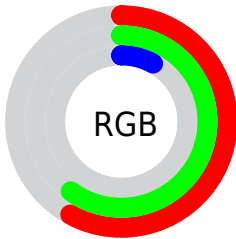
Format	Color
R_{YB}	20, 153, 24
Decimal	9804052
CIE Lab	61.00, -16.16, 60.90
CIE LCh	61, 63.007, 104.859
Yxy	29.2481, 0.4110, 0.5023
Android (android.graphics.Color)	4287994132 (0xFF959914)
YUV	136.6420, -57.5045, 10.8380
Hunter-Lab	54.0815, -15.6473, 32.3205

Details

The CIELCh color **61, 63.007, 104.859** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 83.637, 304.925**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 63.138, 104.921**, and **41, 49.653, 107.410** is the 20% darker color. If you saturate the color by 10%, you get **61, 65.558, 104.720**, and if you desaturate by 10%, it is **61, 58.827, 105.208**.

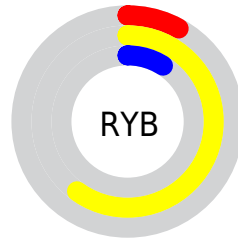
Distribution



Red (58%)

Green (60%)

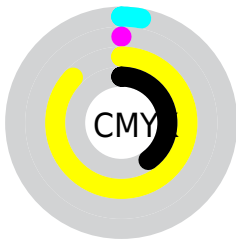
Blue (8%)



Red (8%)

Yellow (60%)

Blue (9%)

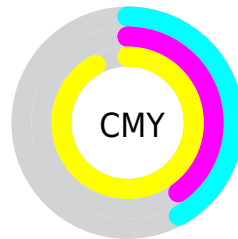


Cyan (3%)

Magenta (0%)

Yellow (87%)

Black (40%)



Cyan (42%)


Magenta (40%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 63.007, 104.859 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, 63.007, 104.859 by changing the saturation by 10% instead.


 61, 63.007,
104.859


 61, 63.007,
104.859


 100, 63.007,
104.859


 51, 63.007,
104.859


 81, 63.007,
104.859

 41, 63.007,
104.859

 91, 63.007,
104.859

 31, 63.007,
104.859

 21, 63.007,
104.859

 11, 63.007,
104.859

 1, 63.007, 104.859

 0, 63.007, 104.859

■ 61, 63.007,
104.859

■ 61, 63.007,
104.859

■ 61, 65.558,
104.720

■ 61, 58.827,
105.208

■ 61, 66.256,
104.688

■ 61, 53.174,
105.745

■ 61, 46.432,
106.428

■ 62, 38.954,
107.213

■ 62, 31.005,
108.063

■ 62, 22.765,
108.950

■ 63, 14.356,
109.851

■ 63, 5.856, 110.746

Harmonies

Complementary

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



61, 63.007, 104.859



20, 83.637, 304.925

Rectangle

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



61, 63.007, 104.859



61, 63.007, 154.859



61, 63.007, 284.859



61, 63.007, 334.859

Sweetspot

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



61, 63.007, 104.861



79, 27.278, 108.982



33, 63.431, 36.090



41, 18.407, 108.700



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 63.007, 104.861



77, 80.438, 104.724



57, 70.038, 127.307



32, 4.817, 110.537



56, 62.158, 104.674



3, 5.231, 111.517

Inverse Universe

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



20, 83.637, 304.925



24, 110.835, 306.368



27, 78.800, 312.933



29, 4.920, 292.244



15, 85.591, 306.411



0, 5.232, 291.343

Previews

White Background



This preview shows how the CIELCh color 61, 63.007, 104.859 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, 63.007, 104.859 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, 63.007, 104.859

Background



This preview shows how black text looks on a background with the CIELCh color 61, 63.007, 104.859.



This preview shows how white text looks on a background with the CIELCh color 61, 63.007, 104.859.

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, 63.007, 104.859

Protanopia

61, 62.043, 94.933

Deuteranopia

61, 60.082, 82.915



Tritanopia
61, 9.447, 334.732

Trichromacy



Original Color
61, 63.007, 104.859

Protanomaly
61, 62.037, 98.449

Deuteranomaly
61, 60.199, 91.259

Tritanomaly
60, 23.200, 97.955

Monochromacy



Original Color
61, 63.007, 104.859

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 27.333, 108.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 63.007, 104.859 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(149, 153, 20)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 20)  
}
```

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(149, 153, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 63.007, 104.859 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(149, 153, 20) }
```

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

```
.border{ border-color:rgb(149, 153, 20) }
```

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

Here you see how a box with a 4 pixel rgb(149, 153, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 20);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 63.007, 104.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 20) }
```

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

```
.background{ background-color: rgb(149,  
153, 20) }
```

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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