

Converting Colors

CIELCh(62, 52.803, 106.163)

Have a look what the booklet for
CIELCh(62, 52.803, 106.163)
contains.

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Color

CIELCh(62, 52.630, 106.319)

Conversions

Conversions Part 1

Format	Color
Hex	979B36
RGB	151, 155, 54
RGB Percent	59%, 61%, 21%
CMY	0.4068, 0.3911, 0.7872
CMYK	0.03, 0.00, 0.65, 0.39
HSL	62°, 48%, 41%
HSV	62°, 65%, 61%
XYZ	25.2489, 30.4025, 8.0592
YIQ	142.2900, 30.0370, -32.2590

Conversions

Conversions Part 2

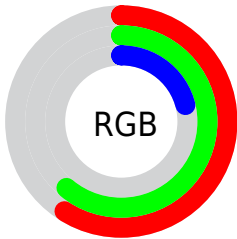
Format	Color
RYB	54, 155, 58
Decimal	9935670
CIELab	62.00, -14.79, 50.51
CIELCh	62, 52.630, 106.319
Yxy	30.4025, 0.3963, 0.4772
Android (android.graphics.Color)	4288125750 (0xFF979B36)
YUV	142.2900, -43.5270, 7.6387
Hunter-Lab	55.1385, -14.7542, 29.9310

Details

The CIELCh color **62, 52.630, 106.319** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **29, 63.826, 301.133**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 52.493, 106.424**, and **42, 50.286, 106.780** is the 20% darker color. If you saturate the color by 10%, you get **62, 58.573, 105.776**, and if you desaturate by 10%, it is **62, 45.654, 107.009**.

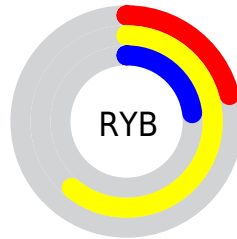
Distribution



Red (59%)

Green (61%)

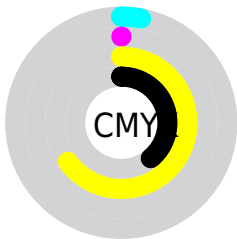
Blue (21%)



Red (21%)

Yellow (61%)

Blue (23%)

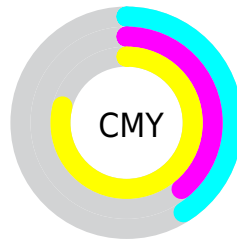


Cyan (3%)

Magenta (0%)

Yellow (65%)

Black (39%)



Cyan (41%)


Magenta (39%)


Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 52.630, 106.319 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, 52.630, 106.319 by changing the saturation by 10% instead.


 62, 52.630,
106.319


 62, 52.630,
106.319


 100, 52.630,
106.319


 52, 52.630,
106.319


 82, 52.630,
106.319

 42, 52.630,
106.319

 92, 52.630,
106.319

 32, 52.630,
106.319

 22, 52.630,
106.319

 12, 52.630,
106.319

 2, 52.630, 106.319

 0, 52.630, 106.319

■ 62, 52.630,
106.319

■ 62, 52.630,
106.319

■ 62, 58.573,
105.776

■ 62, 45.654,
107.009

■ 62, 63.088,
105.422

■ 62, 37.986,
107.794

■ 62, 65.893,
105.291

■ 63, 29.878,
108.639

■ 62, 66.985,
105.263

■ 63, 21.503,
109.517

■ 63, 12.972,
110.406

■ 64, 4.359, 111.284

■ 64, 4.287, 292.170

■ 65, 12.934,
293.006

■ 65, 21.559,
293.815

Harmonies

Complementary

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



62, 52.630, 106.319



29, 63.826, 301.133

Rectangle

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



62, 52.630, 106.319



62, 52.630, 156.319



62, 52.630, 286.319



62, 52.630, 336.319

Sweetspot

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



62, 52.630, 106.321



80, 21.270, 109.932



38, 46.893, 30.201



42, 14.610, 109.699



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 52.630, 106.321



78, 73.724, 105.592



59, 57.800, 127.508



32, 4.818, 110.922



56, 62.188, 105.242



3, 5.233, 111.931

Inverse Universe

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



29, 63.826, 301.133



31, 95.077, 303.870



34, 63.053, 313.192



30, 4.921, 292.600



15, 85.537, 306.450



0, 5.233, 291.708

Previews

White Background



This preview shows how the CIELCh color 62, 52.630, 106.319 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, 52.630, 106.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

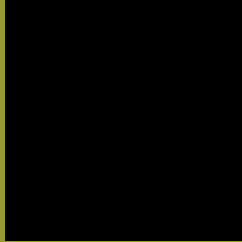
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 52.630, 106.319

Background



This preview shows how black text looks on a background with the CIELCh color 62, 52.630, 106.319.



This preview shows how white text looks on a background with the CIELCh color 62, 52.630, 106.319.

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, 52.630, 106.319

Protanopia

62, 51.626, 95.705

Deuteranopia

62, 49.786, 80.737



Tritanopia
62, 9.150, 332.943

Trichromacy



Original Color
62, 52.630, 106.319

Protanomaly
62, 51.965, 99.827

Deuteranomaly
62, 49.592, 90.692

Tritanomaly
62, 16.517, 96.702

Monochromacy



Original Color
62, 52.630, 106.319

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 20.103, 109.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 52.630, 106.319 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(151, 155, 54)` looks like.

```
.text, #text, p{  
    color:rgb(151, 155, 54)  
}
```

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(151, 155, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 155, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 52.630, 106.319 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(151, 155, 54) }
```

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

```
.border{ border-color:rgb(151, 155, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 155, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 155, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 155, 54);  
box-shadow:4px 4px 4px 4px rgb(151, 155,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 52.630, 106.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 155, 54) }
```

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

```
.background{ background-color: rgb(151,  
155, 54) }
```

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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