

Converting Colors

CIELCh(61, 53.092, 104.186)

Have a look what the booklet for
CIELCh(61, 53.092, 104.186)
contains.

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Color

CIELCh(61, 53.010, 104.226)

Conversions

Conversions Part 1

Format	Color
Hex	989832
RGB	152, 152, 50
RGB Percent	60%, 60%, 20%
CMY	0.4050, 0.4049, 0.8049
CMYK	0.00, 0.00, 0.67, 0.40
HSL	60°, 51%, 40%
HSV	60°, 67%, 60%
XYZ	24.6529, 29.2481, 7.3338
YIQ	140.3720, 32.7420, -31.7220

Conversions

Conversions Part 2

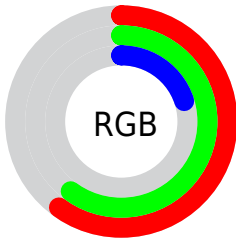
Format	Color
RYB	50, 152, 50
Decimal	10000434
CIELab	61.00, -13.03, 51.38
CIElCh	61, 53.010, 104.226
Yxy	29.2481, 0.4026, 0.4776
Android (android.graphics.Color)	4288190514 (0xFF989832)
YUV	140.3720, -44.5534, 10.1978
Hunter-Lab	54.0815, -13.2742, 29.8170

Details

The CIELCh color **61, 53.010, 104.226** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **27, 64.995, 300.867**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 53.054, 104.043**, and **41, 49.144, 104.589** is the 20% darker color. If you saturate the color by 10%, you get **61, 58.578, 103.625**, and if you desaturate by 10%, it is **61, 46.348, 104.964**.

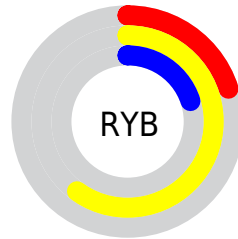
Distribution



Red (60%)

Green (60%)

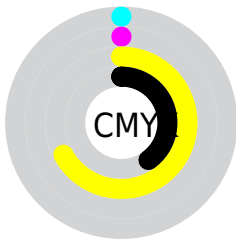
Blue (20%)



Red (20%)

Yellow (60%)

Blue (20%)

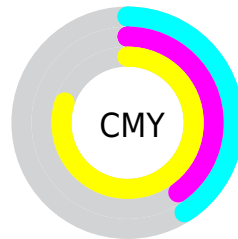


Cyan (0%)

Magenta (0%)

Yellow (67%)

Black (40%)



Cyan (41%)


Magenta (40%)


Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 53.010, 104.226 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, 53.010, 104.226 by changing the saturation by 10% instead.

 61, 53.010,
104.226


 61, 53.010,
104.226


 100, 53.010,
104.226


 51, 53.010,
104.226


 81, 53.010,
104.226

 41, 53.010,
104.226

 91, 53.010,
104.226

 31, 53.010,
104.226

 21, 53.010,
104.226

 11, 53.010,
104.226

 1, 53.010, 104.226

 0, 53.010, 104.226

■ 61, 53.010,
104.226

■ 61, 53.010,
104.226

■ 61, 58.578,
103.625

■ 61, 46.348,
104.964

■ 61, 62.669,
103.189

■ 61, 38.943,
105.795

■ 61, 65.168,
102.928

■ 62, 31.062,
106.689

■ 61, 65.786,
102.863

■ 62, 22.889,
107.618

■ 62, 14.546,
108.563

■ 62, 6.111, 109.502

■ 63, 2.365, 290.465

■ 63, 10.847,
291.356

■ 64, 19.313,
292.232

Harmonies

Complementary

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



61, 53.010, 104.226



27, 64.995, 300.867

Rectangle

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



61, 53.010, 104.226



61, 53.010, 154.226



61, 53.010, 284.226



61, 53.010, 334.226

Sweetspot

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



61, 53.010, 104.228



78, 20.818, 108.263



36, 48.723, 29.098



42, 14.299, 108.018



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, 53.010, 104.228



77, 73.786, 103.368



57, 57.763, 126.330



32, 4.814, 109.315



57, 62.112, 102.863



3, 5.228, 110.185

Inverse Universe

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



27, 64.995, 300.867



29, 96.619, 304.000



32, 63.809, 312.306



29, 4.917, 291.115



15, 85.764, 306.288



0, 5.229, 290.185

Previews

White Background



This preview shows how the CIELCh color 61, 53.010, 104.226 looks on a white background.

Color Contrast Check

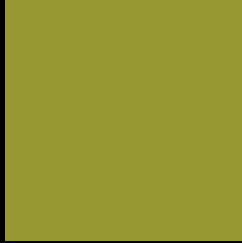
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 53.010, 104.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

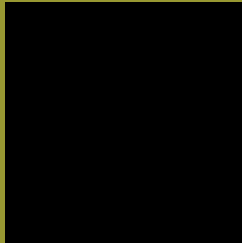
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 53.010, 104.226

Background



This preview shows how black text looks on a background with the CIELCh color 61, 53.010, 104.226.



This preview shows how white text looks on a background with the CIELCh color 61, 53.010, 104.226.

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, 53.010, 104.226

Protanopia

61, 52.134, 95.093

Deuteranopia

61, 51.134, 81.052



Tritanopia
61, 9.640, 340.498

Trichromacy



Original Color
61, 53.010, 104.226

Protanomaly
61, 52.473, 98.704

Deuteranomaly
61, 50.768, 89.657

Tritanomaly
61, 18.083, 91.918

Monochromacy



Original Color
61, 53.010, 104.226

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 20.719, 107.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 53.010, 104.226 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(152, 152, 50)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 50)  
}
```

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(152, 152, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 53.010, 104.226 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(152, 152, 50) }
```

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

```
.border{ border-color:rgb(152, 152, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 50);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 53.010, 104.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 50) }
```

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

```
.background{ background-color: rgb(152,  
152, 50) }
```

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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