

Converting Colors

CIELCh(61, 56.291, 111.171)

Have a look what the booklet for
CIELCh(61, 56.291, 111.171)
contains.

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Color

CIELCh(61, 56.249, 110.894)

Conversions

Conversions Part 1

Format	Color
Hex	8C9B2E
RGB	140, 155, 46
RGB Percent	55%, 61%, 18%
CMY	0.4507, 0.3918, 0.8193
CMYK	0.10, 0.00, 0.70, 0.39
HSL	68°, 54%, 39%
HSV	68°, 70%, 61%
XYZ	23.0572, 29.2481, 7.0231
YIQ	138.0890, 26.0490, -37.0790

Conversions

Conversions Part 2

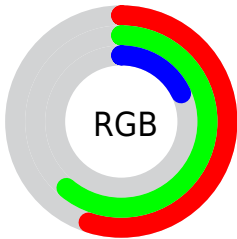
Format	Color
R_{YB}	46, 155, 61
Decimal	9214766
CIE _{Lab}	61.00, -20.06, 52.55
CIE _{LCh}	61, 56.249, 110.894
Yxy	29.2481, 0.3886, 0.4930
Android (android.graphics.Color)	4287404846 (0xFF8C9B2E)
YUV	138.0890, -45.3999, 1.6759
Hunter-Lab	54.0815, -18.5407, 30.1576

Details

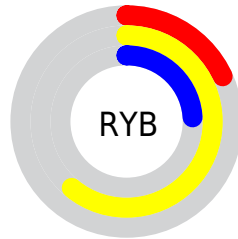
The CIELCh color $61, 56.249, 110.894$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $28, 68.868, 303.864$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 55.990, 110.796$, and $41, 51.042, 112.699$ is the 20% darker color. If you saturate the color by 10%, you get $61, 61.591, 110.683$, and if you desaturate by 10%, it is $61, 49.690, 111.329$.

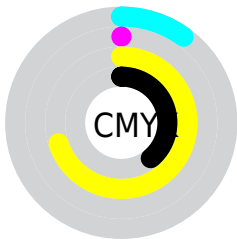
Distribution



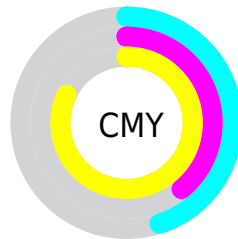
- Red (55%)
- Green (61%)
- Blue (18%)



- Red (18%)
- Yellow (61%)
- Blue (24%)



- Cyan (10%)
- Magenta (0%)
- Yellow (70%)
- Black (39%)





- Cyan (45%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 56.249, 110.894 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, 56.249, 110.894 by changing the saturation by 10% instead.


 61, 56.249,
110.894


 61, 56.249,
110.894


 100, 56.249,
110.894


 51, 56.249,
110.894


 81, 56.249,
110.894

 41, 56.249,
110.894

 91, 56.249,
110.894

 31, 56.249,
110.894

 21, 56.249,
110.894

 11, 56.249,
110.894

 1, 56.249, 110.894

 0, 56.249, 110.894

■ 61, 56.249,
110.894

■ 61, 56.249,
110.894

■ 61, 61.591,
110.683

■ 61, 49.690,
111.329

■ 61, 65.344,
110.760

■ 62, 42.285,
111.912

■ 60, 67.694,
111.071

■ 62, 34.331,
112.588

■ 62, 26.032,
113.316

■ 63, 17.528,
114.066

■ 63, 8.910, 114.817

■ 64, 0.239, 115.515

■ 65, 8.443, 296.273

■ 65, 17.107,
296.958

Harmonies

Complementary

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



61, 56.249, 110.894



28, 68.868, 303.864

Rectangle

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



61, 56.249, 110.894



61, 56.249, 160.894



61, 56.249, 290.894



61, 56.249, 340.894

Sweetspot

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



61, 56.249, 110.896



80, 22.447, 113.981



39, 48.212, 36.942



42, 15.296, 113.789



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 56.249, 110.896



77, 77.467, 110.684



58, 63.345, 130.560



32, 4.843, 114.896



55, 62.888, 111.003



3, 5.263, 116.062

Inverse Universe

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



28, 68.868, 303.864



30, 100.520, 305.820



34, 67.439, 316.234



30, 4.944, 296.297



16, 84.892, 306.930



0, 5.259, 295.486

Previews

White Background



This preview shows how the CIELCh color 61, 56.249, 110.894 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, 56.249, 110.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

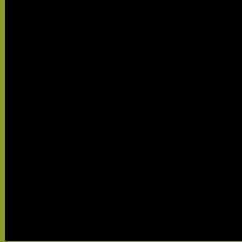
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 56.249, 110.894

Background



This preview shows how black text looks on a background with the CIELCh color 61, 56.249, 110.894.



This preview shows how white text looks on a background with the CIELCh color 61, 56.249, 110.894.

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, 56.249, 110.894

Protanopia

61, 54.120, 95.181

Deuteranopia

61, 51.968, 81.314



Tritanopia
61, 6.636, 310.918

Trichromacy



Original Color
61, 56.249, 110.894

Protanomaly
61, 54.271, 101.131

Deuteranomaly
61, 51.395, 92.390

Tritanomaly
61, 18.421, 110.680

Monochromacy



Original Color
61, 56.249, 110.894

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 21.941, 113.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 56.249, 110.894 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(140, 155, 46)` looks like.

```
.text, #text, p{  
    color:rgb(140, 155, 46)  
}
```

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(140, 155, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 155, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 56.249, 110.894 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(140, 155, 46) }
```

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

```
.border{ border-color:rgb(140, 155, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 155, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 155, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 155, 46);  
box-shadow:4px 4px 4px 4px rgb(140, 155,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 56.249, 110.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 155, 46) }
```

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

```
.background{ background-color: rgb(140,  
155, 46) }
```

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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