

Converting Colors

CIELCh(61, 53.474, 157.326)

Have a look what the booklet for
CIELCh(61, 53.474, 157.326)
contains.

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Color

CIELCh(61, 53.601, 157.302)

Conversions

Conversions Part 1

Format	Color
Hex	1AA86D
RGB	26, 168, 109
RGB Percent	10%, 66%, 43%
CMY	0.8996, 0.3419, 0.5732
CMYK	0.85, 0.00, 0.35, 0.34
HSL	155°, 74%, 38%
HSV	155°, 85%, 66%
XYZ	17.1332, 29.2481, 19.1602
YIQ	118.8160, -65.6930, -48.4530

Conversions

Conversions Part 2

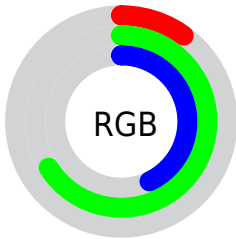
Format	Color
R_{YB}	26, 116, 168
Decimal	1747053
CIE _{Lab}	61.00, -49.45, 20.68
CIE _{LCh}	61, 53.601, 157.302
Y _{xy}	29.2481, 0.2614, 0.4463
Android (android.graphics.Color)	4279937133 (0xFF1AA86D)
YUV	118.8160, -4.8393, -81.3996
Hunter-Lab	54.0815, -38.0933, 16.8516

Details

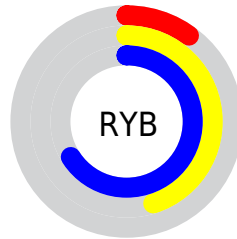
The CIELCh color **61, 53.601, 157.302** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **37, 58.182, 3.302**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 53.473, 157.434**, and **42, 46.915, 151.785** is the 20% darker color. If you saturate the color by 10%, you get **61, 57.310, 155.161**, and if you desaturate by 10%, it is **61, 49.213, 159.243**.

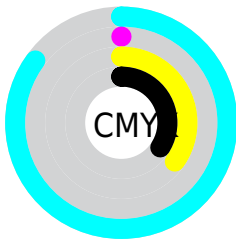
Distribution



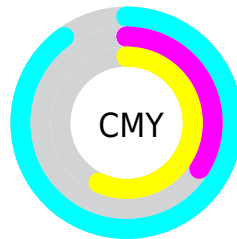
- Red (10%)
- Green (66%)
- Blue (43%)



- Red (10%)
- Yellow (45%)
- Blue (66%)



- Cyan (85%)
- Magenta (0%)
- Yellow (35%)
- Black (34%)





- Cyan (90%)
- Magenta (34%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 53.601, 157.302 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, 53.601, 157.302 by changing the saturation by 10% instead.


 61, 53.601,
157.302


 61, 53.601,
157.302


 100, 53.601,
157.302


 51, 53.601,
157.302


 81, 53.601,
157.302

 41, 53.601,
157.302

 91, 53.601,
157.302

 31, 53.601,
157.302

 21, 53.601,
157.302

 11, 53.601,
157.302

 1, 53.601, 157.302

 0, 53.601, 157.302

■ 61, 53.601,
157.302

■ 61, 53.601,
157.302

■ 61, 57.310,
155.161

■ 61, 49.213,
159.243

■ 61, 59.117,
154.041

■ 62, 44.127,
160.978

■ 63, 38.387,
162.522

■ 63, 32.082,
163.895

■ 64, 25.325,
165.121

■ 65, 18.237,
166.226

■ 67, 10.935,
167.235

■ 68, 3.524, 168.217

Harmonies

Complementary

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



61, 53.601, 157.302



37, 58.182, 3.302

Rectangle

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



61, 53.601, 157.302



61, 53.601, 207.302



61, 53.601, 337.302



61, 53.601, 27.302

Sweetspot

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



61, 53.601, 157.302



83, 22.893, 166.150



62, 75.708, 129.306



43, 15.544, 165.789



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 53.601, 157.302



78, 72.798, 153.580



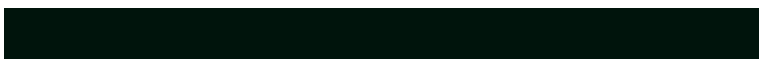
59, 32.256, 208.933



35, 4.213, 167.761



54, 53.618, 154.301



5, 8.131, 164.097

Inverse Universe

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



37, 58.182, 3.302



47, 75.579, 10.874



37, 65.120, 37.640



33, 4.287, 349.280



31, 56.314, 9.251



2, 7.446, 352.131

Previews

White Background



This preview shows how the CIE LCh color 61, 53.601, 157.302 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, 53.601, 157.302 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, 53.601, 157.302

Background



This preview shows how black text looks on a background with the CIELCh color 61, 53.601, 157.302.



This preview shows how white text looks on a background with the CIELCh color 61, 53.601, 157.302.

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, 53.601, 157.302

Protanopia

61, 26.151, 95.730

Deuteranopia

60, 19.492, 65.730



Tritanopia
61, 28.404, 212.261

Trichromacy



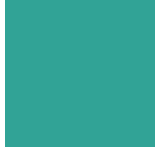
Original Color
61, 53.601, 157.302



Protanomaly
59, 33.564, 138.771



Deuteranomaly
59, 24.514, 139.394



Tritanomaly
61, 34.486, 184.066

Monochromacy



Original Color
61, 53.601, 157.302



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 23.511, 164.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 53.601, 157.302 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(26, 168, 109)` looks like.

```
.text, #text, p{  
    color:rgb(26, 168, 109)  
}
```

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(26, 168, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 168, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 53.601, 157.302 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(26, 168, 109) }
```

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

```
.border{ border-color:rgb(26, 168, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 168, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 168, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 168, 109);  
box-shadow:4px 4px 4px 4px rgb(26, 168,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 53.601, 157.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 168, 109) }
```

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

```
.background{ background-color: rgb(26, 168,  
109) }
```

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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