

Converting Colors

CIELCh(61, 30.349, 207.759)

Have a look what the booklet for
CIELCh(61, 30.349, 207.759)
contains.

CIELCh(61, 30.349, 207.759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 30.349, 207.759)

Conversions

Conversions Part 1

Format	Color
Hex	34A1AB
RGB	52, 161, 171
RGB Percent	20%, 63%, 67%
CMY	0.7949, 0.3678, 0.3286
CMYK	0.69, 0.06, 0.00, 0.33
HSL	185°, 53%, 44%
HSV	185°, 69%, 67%
XYZ	21.5824, 29.2481, 43.1400
YIQ	129.5490, -68.1740, -19.9980

Conversions

Conversions Part 2

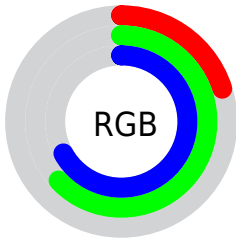
Format	Color
RYB	52, 109, 171
Decimal	3449259
CIELab	61.00, -26.86, -14.14
CIElCh	61, 30.349, 207.759
Yxy	29.2481, 0.2297, 0.3112
Android (android.graphics.Color)	4281639339 (0xFF34A1AB)
YUV	129.5490, 20.4353, -68.0105
Hunter-Lab	54.0815, -23.4084, -9.4376

Details

The CIELCh color **61, 30.349, 207.759** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **42, 53.133, 34.073**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 30.305, 207.611**, and **42, 25.825, 210.423** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.105, 208.549**, and if you desaturate by 10%, it is **62, 27.823, 207.197**.

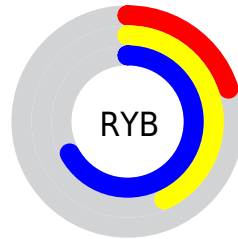
Distribution



Red (20%)

Green (63%)

Blue (67%)



Red (20%)

Yellow (43%)

Blue (67%)

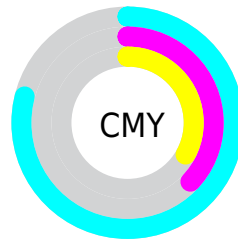


Cyan (69%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (79%)


Magenta (37%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 30.349, 207.759 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, 30.349, 207.759 by changing the saturation by 10% instead.


 61, 30.349,
207.759


 61, 30.349,
207.759


 100, 30.349,
207.759


 51, 30.349,
207.759


 81, 30.349,
207.759

 41, 30.349,
207.759

 91, 30.349,
207.759

 31, 30.349,
207.759

 21, 30.349,
207.759

 11, 30.349,
207.759

 1, 30.349, 207.759

 0, 30.349, 207.759

■ 61, 30.349,
207.759

■ 61, 30.349,
207.759

■ 60, 32.105,
208.549

■ 62, 27.823,
207.197

■ 60, 33.116,
209.599

■ 63, 24.554,
206.837

■ 59, 33.551,
210.882

■ 64, 20.600,
206.649

■ 59, 33.572,
210.953

■ 65, 16.043,
206.605

■ 67, 10.975,
206.686

■ 68, 5.491, 206.892

■ 70, 0.321, 25.495

■ 72, 6.383, 27.253

Harmonies

Complementary

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



61, 30.349, 207.759



42, 53.133, 34.073

Rectangle

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



61, 30.349, 207.759



61, 30.349, 257.759



61, 30.349, 27.759



61, 30.349, 77.759

Sweetspot

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



61, 30.348, 207.758



84, 14.534, 206.662



62, 71.059, 140.201



44, 9.827, 206.634



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 30.348, 207.758



76, 39.675, 209.040



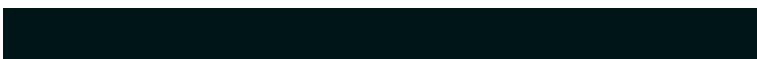
43, 42.610, 279.197



36, 3.322, 206.896



52, 30.551, 210.785



5, 6.977, 210.742

Inverse Universe

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



44, 69.251, 330.577



53, 93.369, 331.239



55, 46.091, 74.397



34, 6.222, 327.294



35, 73.061, 331.826



2, 12.748, 327.906

Previews

White Background



This preview shows how the CIELCh color 61, 30.349, 207.759 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, 30.349, 207.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

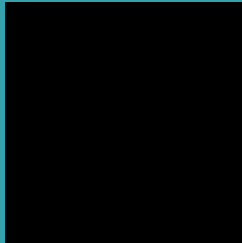
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 30.349, 207.759

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.349, 207.759.

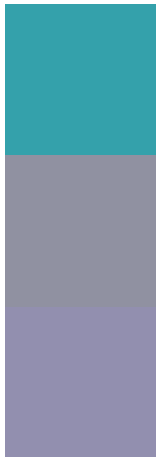


This preview shows how white text looks on a background with the CIELCh color 61, 30.349, 207.759.

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](#).

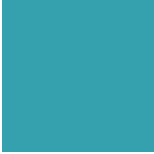
Dichromacy



Original Color
61, 30.349, 207.759

Protanopia
61, 9.029, 288.843

Deuteranopia
61, 18.122, 295.546



Tritanopia
61, 30.017, 211.303

Trichromacy



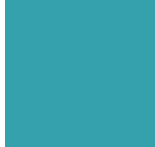
Original Color
61, 30.349, 207.759



Protanomaly
60, 15.537, 229.151



Deuteranomaly
60, 18.137, 247.329



Tritanomaly
61, 30.165, 210.088

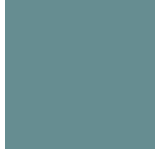
Monochromacy



Original Color
61, 30.349, 207.759



Achromatopsia
54, 0.007, 296.813



Achromatomaly
56, 14.002, 207.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.349, 207.759 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(52, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(52, 161, 171)  
}
```

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(52, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 161, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.349, 207.759 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(52, 161, 171) }
```

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

```
.border{ border-color:rgb(52, 161, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(52, 161, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(52, 161, 171); box-shadow:4px 4px 4px 4px rgb(52, 161, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.349, 207.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 161, 171) }
```

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

```
.background{ background-color: rgb(52, 161,  
171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor