

Converting Colors

CIELCh(61, 30.232, 187.024)

Have a look what the booklet for
CIELCh(61, 30.232, 187.024)
contains.

CIELCh(61, 30.251, 187.052)	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, 30.251, 187.052)

Conversions

Conversions Part 1

Format	Color
Hex	43A299
RGB	67, 162, 153
RGB Percent	26%, 64%, 60%
CMY	0.7381, 0.3655, 0.4008
CMYK	0.59, 0.00, 0.06, 0.37
HSL	174°, 42%, 45%
HSV	174°, 59%, 63%
XYZ	20.9174, 29.2481, 34.5944
YIQ	132.5690, -53.7310, -22.9390

Conversions

Conversions Part 2

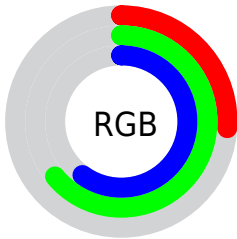
Format	Color
RYB	67, 117, 162
Decimal	4432537
CIELab	61.00, -30.02, -3.71
CIELCh	61, 30.251, 187.052
Yxy	29.2481, 0.2468, 0.3451
Android (android.graphics.Color)	4282622617 (0xFF43A299)
YUV	132.5690, 10.0725, -57.5040
Hunter-Lab	54.0815, -25.6034, -0.0690

Details

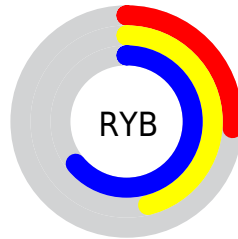
The CIELCh color **61, 30.251, 187.052** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41, 42.769, 20.082**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 30.281, 187.091**, and **41, 28.667, 186.313** is the 20% darker color. If you saturate the color by 10%, you get **61, 33.441, 186.187**, and if you desaturate by 10%, it is **62, 26.358, 187.873**.

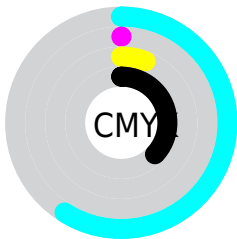
Distribution



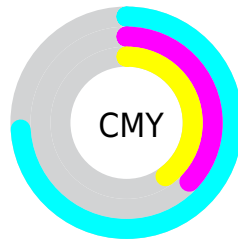
- Red (26%)
- Green (64%)
- Blue (60%)



- Red (26%)
- Yellow (46%)
- Blue (64%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)





- Cyan (74%)
- Magenta (37%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 30.251, 187.052 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, 30.251, 187.052 by changing the saturation by 10% instead.


 61, 30.251,
187.052


 61, 30.251,
187.052


 100, 30.251,
187.052


 51, 30.251,
187.052


 81, 30.251,
187.052

 41, 30.251,
187.052

 91, 30.251,
187.052

 31, 30.251,
187.052

 21, 30.251,
187.052

 11, 30.251,
187.052

 1, 30.251, 187.052

 0, 30.251, 187.052

61, 30.251,
187.052

61, 30.251,
187.052

61, 33.441,
186.187

62, 26.358,
187.873

60, 35.893,
185.267

62, 21.828,
188.668

60, 37.620,
184.274

63, 16.750,
189.447

60, 38.762,
183.211

64, 11.222,
190.220

60, 38.899,
183.077

65, 5.343, 191.016

67, 0.794, 11.096

68, 7.106, 12.347

70, 13.525, 13.107

71, 19.994, 13.840

Harmonies

Complementary

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



61, 30.251, 187.052



41, 42.769, 20.082

Rectangle

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



61, 30.251, 187.052



61, 30.251, 237.052



61, 30.251, 7.052



61, 30.251, 57.052

Sweetspot

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



61, 30.251, 187.050



81, 13.302, 190.251



60, 60.777, 137.610



42, 9.162, 190.038



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 30.251, 187.050



76, 41.306, 185.958



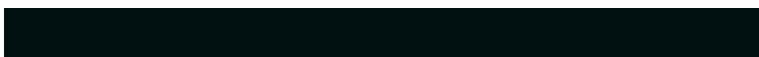
50, 26.966, 254.728



34, 3.483, 190.971



54, 35.925, 183.186



4, 5.562, 189.338

Inverse Universe

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



41, 42.769, 20.082



49, 63.291, 23.931



50, 35.903, 58.385



32, 3.652, 12.256



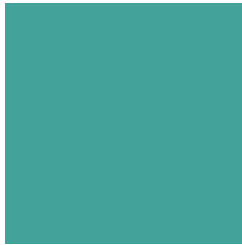
30, 64.771, 35.228



1, 5.515, 12.307

Previews

White Background



This preview shows how the CIE LCh color 61, 30.251, 187.052 looks on a white background.

Color Contrast Check

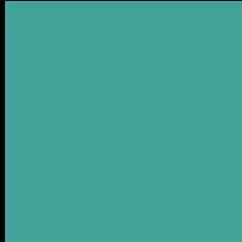
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.251, 187.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

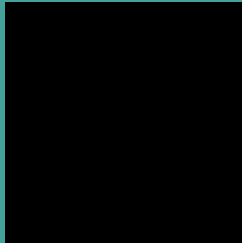
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 30.251, 187.052

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.251, 187.052.

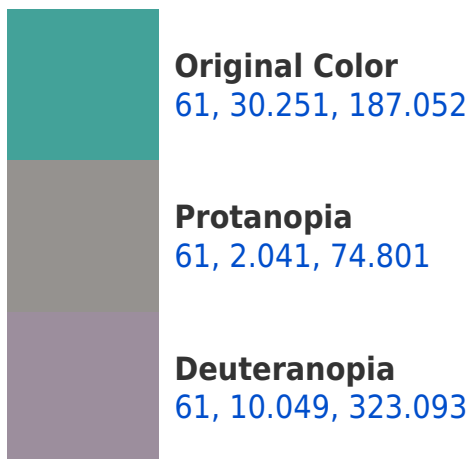


This preview shows how white text looks on a background with the CIELCh color 61, 30.251, 187.052.

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](#).

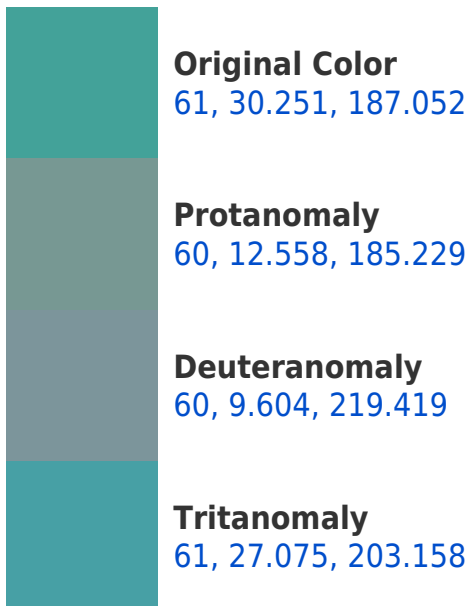
Dichromacy





Tritanopia
61, 26.170, 213.761

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.251, 187.052 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(67, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(67, 162, 153)  
}
```

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(67, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 162, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.251, 187.052 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(67, 162, 153) }
```

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

```
.border{ border-color:rgb(67, 162, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(67, 162,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.251, 187.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 162, 153) }
```

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

```
.background{ background-color: rgb(67, 162,  
153) }
```

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