

Converting Colors

CIELCh(61, 43.043, 169.634)

Have a look what the booklet for
CIELCh(61, 43.043, 169.634)
contains.

CIELCh(61, 43.183, 169.430)	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, 43.183, 169.430)

Conversions

Conversions Part 1

Format	Color
Hex	22A684
RGB	34, 166, 132
RGB Percent	13%, 65%, 52%
CMY	0.8671, 0.3493, 0.4826
CMYK	0.80, 0.00, 0.20, 0.35
HSL	165°, 66%, 39%
HSV	165°, 80%, 65%
XYZ	18.4388, 29.2481, 26.4791
YIQ	122.6560, -67.7580, -38.5580

Conversions

Conversions Part 2

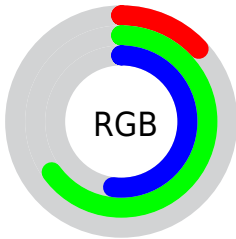
Format	Color
RYB	34, 110, 166
Decimal	2270852
CIELab	61.00, -42.45, 7.92
CIElCh	61, 43.183, 169.430
Yxy	29.2481, 0.2486, 0.3944
Android (android.graphics.Color)	4280460932 (0xFF22A684)
YUV	122.6560, 4.6066, -77.7513
Hunter-Lab	54.0815, -33.7842, 8.8279

Details

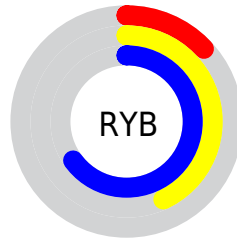
The CIELCh color **61, 43.183, 169.430** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **37, 55.885, 14.491**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 43.273, 169.373**, and **42, 36.556, 165.712** is the 20% darker color. If you saturate the color by 10%, you get **61, 46.006, 167.615**, and if you desaturate by 10%, it is **61, 39.659, 171.061**.

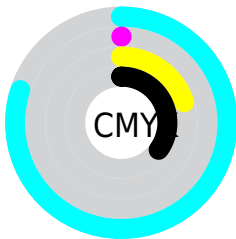
Distribution



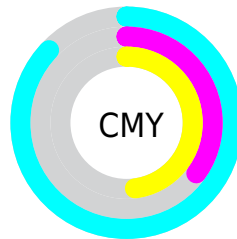
- Red (13%)
- Green (65%)
- Blue (52%)



- Red (13%)
- Yellow (43%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)





- Cyan (87%)
- Magenta (35%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 43.183, 169.430 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, 43.183, 169.430 by changing the saturation by 10% instead.


 61, 43.183,
169.430


 61, 43.183,
169.430


 100, 43.183,
169.430


 51, 43.183,
169.430


 81, 43.183,
169.430

 41, 43.183,
169.430

 91, 43.183,
169.430

 31, 43.183,
169.430

 21, 43.183,
169.430

 11, 43.183,
169.430

 1, 43.183, 169.430

 0, 43.183, 169.430

■ 61, 43.183,
169.430

■ 61, 43.183,
169.430

■ 61, 46.006,
167.615

■ 61, 39.659,
171.061

■ 61, 48.291,
165.675

■ 62, 35.433,
172.527

■ 61, 48.385,
165.596

■ 63, 30.554,
173.851

■ 63, 25.105,
175.055

■ 64, 19.190,
176.161

■ 66, 12.918,
177.192

■ 67, 6.395, 178.180

■ 68, 0.285, 357.510

Harmonies

Complementary

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



61, 43.183, 169.430



37, 55.885, 14.491

Rectangle

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



61, 43.183, 169.430



61, 43.183, 219.430



61, 43.183, 349.430



61, 43.183, 39.430

Sweetspot

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



61, 43.183, 169.429



83, 19.532, 176.699



60, 75.248, 133.029



44, 13.444, 176.341



94, 0.011, 296.813



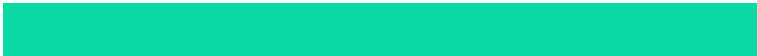
46, 0.006, 296.813

Same Dimension

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



61, 43.183, 169.429



77, 58.124, 166.198



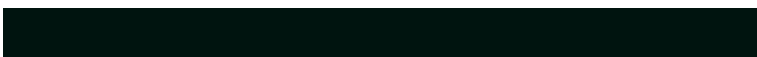
52, 29.875, 234.658



35, 3.822, 178.208



54, 44.329, 165.810



5, 7.318, 174.067

Inverse Universe

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



37, 55.885, 14.491



46, 77.348, 22.789



41, 55.945, 44.211



33, 3.940, 359.779



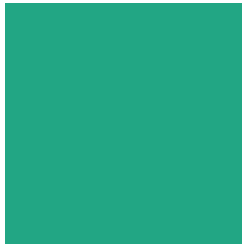
30, 59.319, 23.743



1, 6.932, 1.616

Previews

White Background



This preview shows how the CIE LCh color 61, 43.183, 169.430 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, 43.183, 169.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

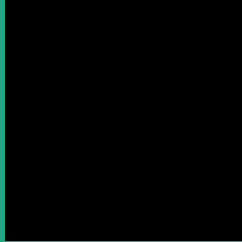
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 43.183, 169.430

Background



This preview shows how black text looks on a background with the CIELCh color 61, 43.183, 169.430.

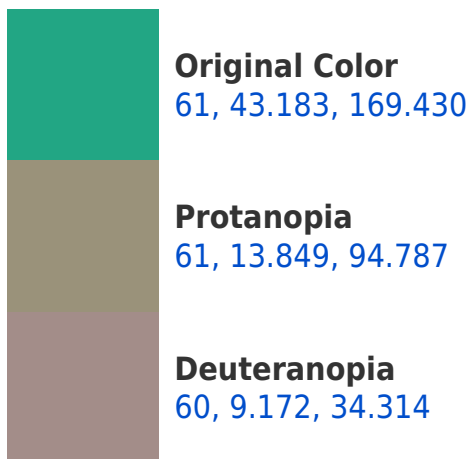


This preview shows how white text looks on a background with the CIELCh color 61, 43.183, 169.430.

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, 29.061, 211.862

Trichromacy



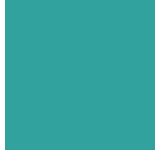
Original Color
61, 43.183, 169.430



Protanomaly
60, 22.599, 155.061



Deuteranomaly
59, 15.574, 164.924



Tritanomaly
61, 32.283, 192.587

Monochromacy



Original Color
61, 43.183, 169.430



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 19.385, 174.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 43.183, 169.430 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(34, 166, 132)` looks like.

```
.text, #text, p{  
    color:rgb(34, 166, 132)  
}
```

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(34, 166, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 166, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 43.183, 169.430 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(34, 166, 132) }
```

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

```
.border{ border-color:rgb(34, 166, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 166, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 166, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 166, 132);  
box-shadow:4px 4px 4px 4px rgb(34, 166,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 43.183, 169.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 166, 132) }
```

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

```
.background{ background-color: rgb(34, 166,  
132) }
```

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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