

Converting Colors

CIELCh(61, 37.296, 185.341)

Have a look what the booklet for
CIELCh(61, 37.296, 185.341)
contains.

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Color

CIELCh(61, 37.530, 184.868)

Conversions

Conversions Part 1

Format	Color
Hex	18A598
RGB	24, 165, 152
RGB Percent	9%, 65%, 60%
CMY	0.9048, 0.3542, 0.4051
CMYK	0.85, 0.00, 0.08, 0.35
HSL	174°, 74%, 37%
HSV	174°, 85%, 65%
XYZ	19.4219, 29.2481, 34.1936
YIQ	121.3590, -79.8630, -33.9350

Conversions

Conversions Part 2

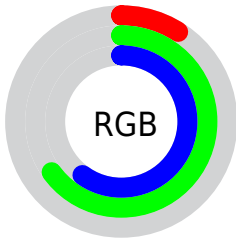
Format	Color
R_{YB}	24, 98, 165
Decimal	1615256
CIE _{Lab}	61.00, -37.39, -3.18
CIE _{LCh}	61, 37.530, 184.868
Yxy	29.2481, 0.2344, 0.3530
Android (android.graphics.Color)	4279805336 (0xFF18A598)
YUV	121.3590, 15.1060, -85.3838
Hunter-Lab	54.0815, -30.5392, 0.3704

Details

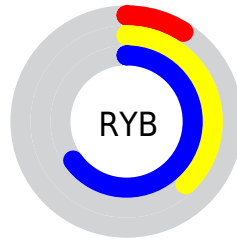
The CIELCh color **61, 37.530, 184.868** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **36, 62.915, 29.667**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 37.787, 184.524**, and **42, 29.807, 183.056** is the 20% darker color. If you saturate the color by 10%, you get **61, 38.819, 183.834**, and if you desaturate by 10%, it is **61, 35.548, 185.820**.

Distribution



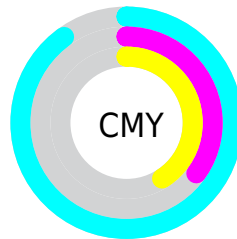
- Red (9%)
- Green (65%)
- Blue (60%)



- Red (9%)
- Yellow (38%)
- Blue (65%)



- Cyan (85%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)





- Cyan (90%)
- Magenta (35%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 37.530, 184.868 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, 37.530, 184.868 by changing the saturation by 10% instead.

 61, 37.530,
184.868


 61, 37.530,
184.868


 100, 37.530,
184.868

 51, 37.530,
184.868

 81, 37.530,
184.868

 41, 37.530,
184.868

 91, 37.530,
184.868

 31, 37.530,
184.868

 21, 37.530,
184.868

 11, 37.530,
184.868

 1, 37.530, 184.868

 0, 37.530, 184.868

■ 61, 37.530,
184.868

■ 61, 37.530,
184.868

■ 61, 38.819,
183.834

■ 61, 35.548,
185.820

■ 61, 39.320,
183.338

■ 62, 32.818,
186.706

■ 62, 29.346,
187.544

■ 63, 25.178,
188.348

■ 64, 20.390,
189.130

■ 65, 15.078,
189.900

■ 66, 9.342, 190.671

■ 67, 3.282, 191.508

Harmonies

Complementary

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



61, 37.530, 184.868



36, 62.915, 29.667

Rectangle

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



61, 37.530, 184.868



61, 37.530, 234.868



61, 37.530, 4.868



61, 37.530, 54.868

Sweetspot

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



61, 37.530, 184.867



82, 19.158, 189.806



59, 80.733, 135.797



43, 12.836, 189.555



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 37.530, 184.867



77, 47.908, 183.117



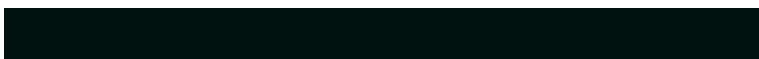
44, 37.059, 264.899



34, 3.481, 191.150



54, 35.842, 183.461



4, 5.558, 189.554

Inverse Universe

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



36, 62.915, 29.667



45, 87.770, 36.642



44, 55.656, 55.815



32, 3.651, 12.429



30, 64.855, 35.341



1, 5.513, 12.466

Previews

White Background



This preview shows how the CIELCh color 61, 37.530, 184.868 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, 37.530, 184.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

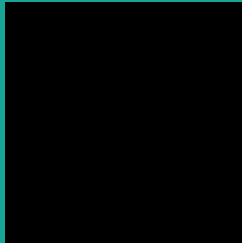
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 37.530, 184.868

Background



This preview shows how black text looks on a background with the CIELCh color 61, 37.530, 184.868.

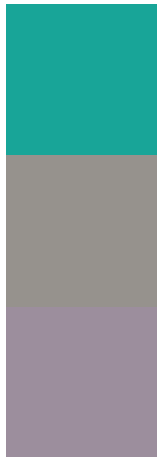


This preview shows how white text looks on a background with the CIELCh color 61, 37.530, 184.868.

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, 37.606, 184.884

Protanopia

61, 3.205, 80.373

Deuteranopia

61, 10.049, 323.093



Tritanopia
61, 31.216, 210.655

Trichromacy



Original Color
61, 37.606, 184.884



Protanomaly
60, 18.265, 183.318



Deuteranomaly
59, 14.902, 209.149

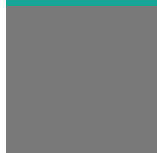


Tritanomaly
61, 32.838, 200.639

Monochromacy



Original Color
61, 37.606, 184.884



Achromatopsia
51, 0.007, 296.813



Achromatomaly
54, 18.479, 188.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 37.530, 184.868 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(24, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(24, 165, 152)  
}
```

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(24, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 165, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 37.530, 184.868 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(24, 165, 152) }
```

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

```
.border{ border-color:rgb(24, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(24, 165,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 37.530, 184.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 165, 152) }
```

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

```
.background{ background-color: rgb(24, 165,  
152) }
```

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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