

Converting Colors

CIELCh(61, 37.786, 179.876)

Have a look what the booklet for
CIELCh(61, 37.786, 179.876)
contains.

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Color

CIELCh(61, 37.968, 179.693)

Conversions

Conversions Part 1

Format	Color
Hex	24A592
RGB	36, 165, 146
RGB Percent	14%, 65%, 57%
CMY	0.8569, 0.3542, 0.4286
CMYK	0.78, 0.00, 0.12, 0.35
HSL	171°, 64%, 39%
HSV	171°, 78%, 65%
XYZ	19.3088, 29.2481, 31.7001
YIQ	124.2630, -70.7850, -33.2570

Conversions

Conversions Part 2

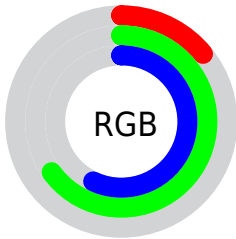
Format	Color
R_{YB}	36, 106, 165
Decimal	2401682
CIE _{Lab}	61.00, -37.97, 0.20
CIE _{LCh}	61, 37.968, 179.693
Yxy	29.2481, 0.2406, 0.3644
Android (android.graphics.Color)	4280591762 (0xFF24A592)
YUV	124.2630, 10.7163, -77.4067
Hunter-Lab	54.0815, -30.9125, 3.1041

Details

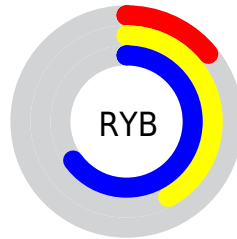
The CIELCh color **61, 37.968, 179.693** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 56.434, 22.469**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 38.139, 179.650**, and **42, 31.319, 177.779** is the 20% darker color. If you saturate the color by 10%, you get **61, 40.108, 178.352**, and if you desaturate by 10%, it is **61, 35.099, 180.909**.

Distribution



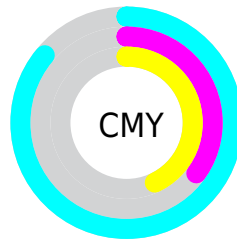
- Red (14%)
- Green (65%)
- Blue (57%)



- Red (14%)
- Yellow (42%)
- Blue (65%)



- Cyan (78%)
- Magenta (0%)
- Yellow (12%)
- Black (35%)





- Cyan (86%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 37.968, 179.693 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, 37.968, 179.693 by changing the saturation by 10% instead.


 61, 37.968,
179.693


 61, 37.968,
179.693


 100, 37.968,
179.693


 51, 37.968,
179.693


 81, 37.968,
179.693

 41, 37.968,
179.693

 91, 37.968,
179.693

 31, 37.968,
179.693

 21, 37.968,
179.693

 11, 37.968,
179.693

 1, 37.968, 179.693

 0, 37.968, 179.693

■ 61, 37.968,
179.693

■ 61, 37.968,
179.693

■ 61, 40.108,
178.352

■ 61, 35.099,
180.909

■ 61, 41.629,
176.895

■ 62, 31.500,
182.024

■ 61, 41.936,
176.584

■ 63, 27.215,
183.056

■ 63, 22.319,
184.025

■ 64, 16.909,
184.946

■ 65, 11.088,
185.836

■ 67, 4.959, 186.731

■ 68, 1.387, 7.131

Harmonies

Complementary

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



61, 37.968, 179.693



37, 56.434, 22.469

Rectangle

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



61, 37.968, 179.693



61, 37.968, 229.693



61, 37.968, 359.693



61, 37.968, 49.693

Sweetspot

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



61, 37.968, 179.692



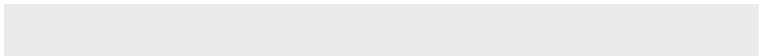
82, 17.491, 185.342



60, 75.823, 135.353



43, 11.984, 185.034



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, 37.968, 179.692



77, 50.085, 177.352



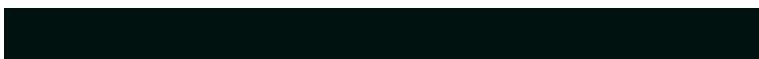
48, 32.238, 254.167



34, 3.544, 186.599



54, 38.193, 176.759



4, 5.682, 184.209

Inverse Universe

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



37, 56.434, 22.469



45, 80.526, 30.237



44, 51.349, 52.566



32, 3.693, 8.025



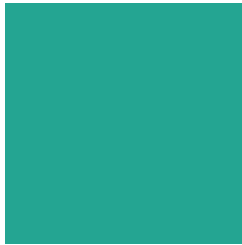
30, 62.602, 32.016



1, 5.581, 8.391

Previews

White Background



This preview shows how the CIELCh color 61, 37.968, 179.693 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, 37.968, 179.693 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, 37.968, 179.693

Background



This preview shows how black text looks on a background with the CIELCh color 61, 37.968, 179.693.

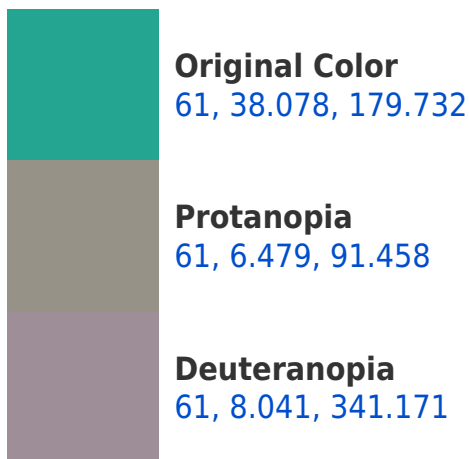


This preview shows how white text looks on a background with the CIELCh color 61, 37.968, 179.693.

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, 29.871, 211.385

Trichromacy



Original Color
61, 38.078, 179.732



Protanomaly
60, 18.235, 171.963



Deuteranomaly
59, 13.079, 195.723



Tritanomaly
61, 31.710, 198.786

Monochromacy



Original Color
61, 38.078, 179.732



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 17.616, 184.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 37.968, 179.693 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(36, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(36, 165, 146)  
}
```

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(36, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 165, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 37.968, 179.693 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(36, 165, 146) }
```

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

```
.border{ border-color:rgb(36, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(36, 165, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(36, 165, 146); box-shadow:4px 4px 4px 4px rgb(36, 165, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 37.968, 179.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 165, 146) }
```

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

```
.background{ background-color: rgb(36, 165,  
146) }
```

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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