

Converting Colors

CIELCh(61, 30.163, 221.773)

Have a look what the booklet for
CIELCh(61, 30.163, 221.773)
contains.

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Color

CIELCh(61, 30.164, 221.774)

Conversions

Conversions Part 1

Format	Color
Hex	37A0B6
RGB	55, 160, 182
RGB Percent	22%, 63%, 71%
CMY	0.7853, 0.3733, 0.2870
CMYK	0.70, 0.12, 0.00, 0.29
HSL	190°, 54%, 46%
HSV	190°, 70%, 71%
XYZ	22.5213, 29.2481, 48.6069
YIQ	131.1130, -69.6420, -15.4180

Conversions

Conversions Part 2

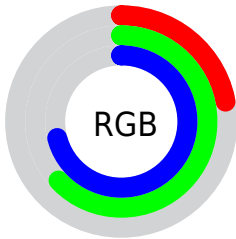
Format	Color
RYB	55, 112, 182
Decimal	3645622
CIELab	61.00, -22.50, -20.10
CIELCh	61, 30.164, 221.774
Yxy	29.2481, 0.2244, 0.2914
Android (android.graphics.Color)	4281835702 (0xFF37A0B6)
YUV	131.1130, 25.0873, -66.7511
Hunter-Lab	54.0815, -20.3096, -15.4310

Details

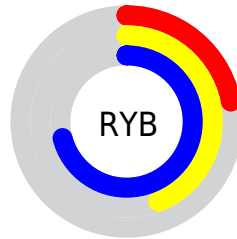
The CIELCh color **61, 30.164, 221.774** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 53.406, 39.501**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 30.187, 221.777**, and **42, 26.269, 226.387** is the 20% darker color. If you saturate the color by 10%, you get **60, 31.987, 223.872**, and if you desaturate by 10%, it is **62, 27.616, 220.141**.

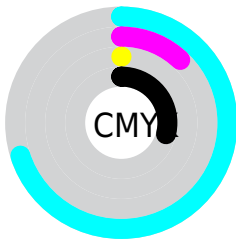
Distribution



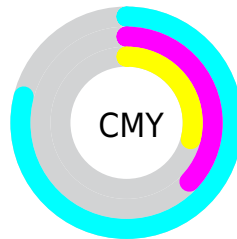
- Red (22%)
- Green (63%)
- Blue (71%)



- Red (22%)
- Yellow (44%)
- Blue (71%)



- Cyan (70%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)





- Cyan (79%)
- Magenta (37%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 30.164, 221.774 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, 30.164, 221.774 by changing the saturation by 10% instead.


 61, 30.164,
221.774


 61, 30.164,
221.774


 100, 30.164,
221.774


 51, 30.164,
221.774


 81, 30.164,
221.774

 41, 30.164,
221.774

 91, 30.164,
221.774

 31, 30.164,
221.774

 21, 30.164,
221.774

 11, 30.164,
221.774

 1, 30.164, 221.774

 0, 30.164, 221.774

■ 61, 30.164,
221.774

■ 61, 30.164,
221.774

■ 60, 31.987,
223.872

■ 62, 27.616,
220.141

■ 58, 33.129,
226.503

■ 64, 24.361,
218.901

■ 57, 33.785,
229.608

■ 66, 20.452,
217.985

■ 57, 33.792,
229.643

■ 68, 15.968,
217.332

■ 70, 10.996,
216.895

■ 72, 5.624, 216.652

■ 74, 0.065, 28.506

■ 76, 5.997, 36.258

Harmonies

Complementary

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



61, 30.164, 221.774



46, 53.406, 39.501

Rectangle

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



61, 30.164, 221.774



61, 30.164, 271.774



61, 30.164, 41.774



61, 30.164, 91.774

Sweetspot

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



61, 30.163, 221.773



88, 14.343, 216.947



66, 70.989, 142.349



47, 9.699, 217.055



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 30.163, 221.773



76, 39.903, 225.260



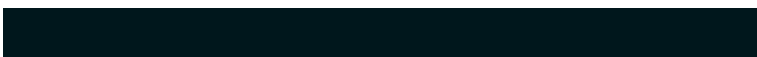
42, 51.260, 286.005



38, 3.253, 216.645



49, 30.109, 229.192



6, 8.619, 224.819

Inverse Universe

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



46, 68.650, 334.146



56, 92.730, 335.311



61, 50.254, 81.620



36, 6.130, 330.140



35, 69.926, 336.433



3, 15.791, 332.523

Previews

White Background



This preview shows how the CIE LCh color 61, 30.164, 221.774 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, 30.164, 221.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

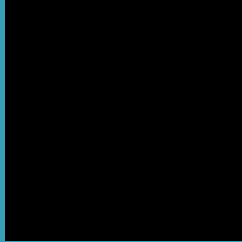
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 30.164, 221.774

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.164, 221.774.

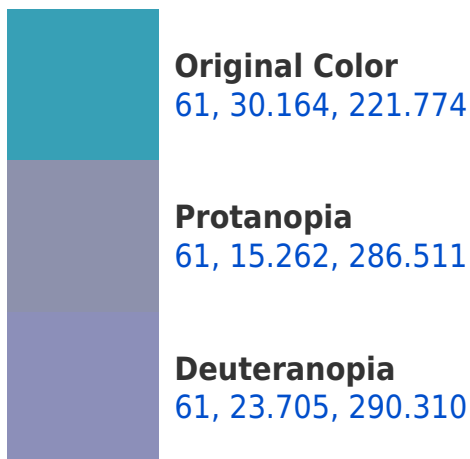


This preview shows how white text looks on a background with the CIELCh color 61, 30.164, 221.774.

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, 30.576, 210.995

Trichromacy



Original Color
61, 30.164, 221.774



Protanomaly
60, 19.275, 248.618



Deuteranomaly
60, 23.012, 258.561



Tritanomaly
61, 30.350, 214.532

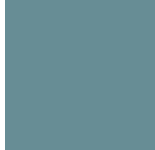
Monochromacy



Original Color
61, 30.164, 221.774



Achromatopsia
55, 0.007, 296.813



Achromatomaly
56, 13.990, 217.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.164, 221.774 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(55, 160, 182)` looks like.

```
.text, #text, p{  
    color:rgb(55, 160, 182)  
}
```

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(55, 160, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 160, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.164, 221.774 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(55, 160, 182) }
```

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

```
.border{ border-color:rgb(55, 160, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 160, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 160, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 160, 182);  
box-shadow:4px 4px 4px 4px rgb(55, 160,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.164, 221.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 160, 182) }
```

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

```
.background{ background-color: rgb(55, 160,  
182) }
```

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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