

Converting Colors

CIELCh(61, 35.284, 228.791)

Have a look what the booklet for
CIELCh(61, 35.284, 228.791)
contains.

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Color

CIELCh(61, 35.251, 228.260)

Conversions

Conversions Part 1

Format	Color
Hex	01A1C1
RGB	1, 161, 193
RGB Percent	0%, 63%, 76%
CMY	0.9966, 0.3696, 0.2441
CMYK	1.00, 0.17, 0.00, 0.24
HSL	190°, 99%, 38%
HSV	190°, 100%, 76%
XYZ	22.3095, 29.2481, 54.7733
YIQ	116.8080, -105.6320, -23.9680

Conversions

Conversions Part 2

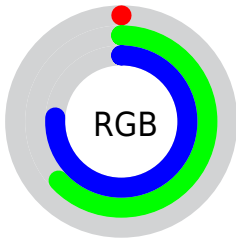
Format	Color
R_{YB}	1, 88, 193
Decimal	106945
CIE _{Lab}	61.00, -23.47, -26.30
CIE _{LCh}	61, 35.251, 228.260
Yxy	29.2481, 0.2098, 0.2751
Android (android.graphics.Color)	4278297025 (0xFF01A1C1)
YUV	116.8080, 37.5627, -101.5636
Hunter-Lab	54.0815, -21.0085, -22.1913

Details

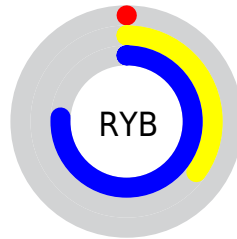
The CIELCh color **61, 35.251, 228.260** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **42, 81.222, 42.438**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 35.302, 228.694**, and **42, 28.150, 237.943** is the 20% darker color. If you saturate the color by 10%, you get **61, 35.276, 228.396**, and if you desaturate by 10%, it is **62, 34.627, 225.244**.

Distribution



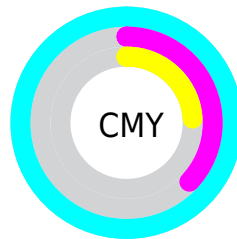
- Red (0%)
- Green (63%)
- Blue (76%)



- Red (0%)
- Yellow (35%)
- Blue (76%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)





- Cyan (100%)
- Magenta (37%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 35.251, 228.260 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, 35.251, 228.260 by changing the saturation by 10% instead.


 61, 35.251,
228.260


 61, 35.251,
228.260


 100, 35.251,
228.260


 51, 35.251,
228.260


 81, 35.251,
228.260

 41, 35.251,
228.260

 91, 35.251,
228.260

 31, 35.251,
228.260

 21, 35.251,
228.260

 11, 35.251,
228.260

 1, 35.251, 228.260

 0, 35.251, 228.260

■ 61, 35.251,
228.260

■ 61, 35.251,
228.260

■ 61, 35.276,
228.396

■ 62, 34.627,
225.244

■ 63, 33.460,
222.714

■ 65, 31.564,
220.703

■ 66, 28.896,
219.146

■ 68, 25.476,
217.970

■ 70, 21.360,
217.109

■ 72, 16.635,
216.503

■ 74, 11.392,

216.108

■ 76, 5.728, 215.903

Harmonies

Complementary

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



61, 35.251, 228.260



42, 81.222, 42.438

Rectangle

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



61, 35.251, 228.260



61, 35.251, 278.260



61, 35.251, 48.260



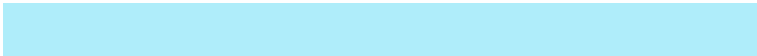
61, 35.251, 98.260

Sweetspot

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



61, 35.250, 228.260



90, 20.776, 216.550



68, 92.624, 137.915



47, 13.933, 216.787



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 35.250, 228.260



77, 42.890, 228.971



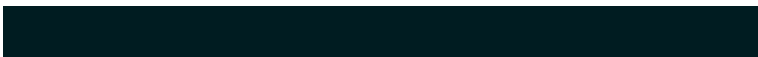
33, 79.111, 296.567



40, 3.415, 215.902



51, 30.820, 227.909



8, 10.561, 221.135

Inverse Universe

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



44, 82.133, 336.187



57, 99.693, 336.375



59, 66.731, 75.652



38, 6.439, 329.928



36, 71.924, 336.098



4, 20.684, 332.894

Previews

White Background



This preview shows how the CIELCh color 61, 35.251, 228.260 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, 35.251, 228.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

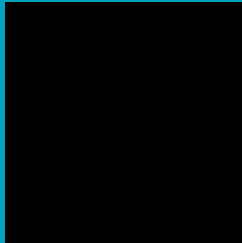
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 35.251, 228.260

Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.251, 228.260.

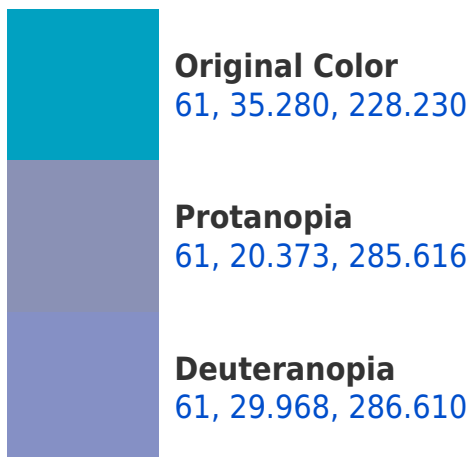



This preview shows how white text looks on a background with the CIELCh color 61, 35.251, 228.260.

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, 34.596, 209.031

Trichromacy



Original Color
61, 35.280, 228.230



Protanomaly
60, 26.151, 246.052



Deuteranomaly
60, 30.561, 255.504



Tritanomaly
61, 34.410, 216.176

Monochromacy



Original Color
61, 35.280, 228.230



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 19.871, 218.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 35.251, 228.260 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(1, 161, 193)` looks like.

```
.text, #text, p{  
    color:rgb(1, 161, 193)  
}
```

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(1, 161, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 161, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 35.251, 228.260 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(1, 161, 193) }
```

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

```
.border{ border-color:rgb(1, 161, 193) }
```

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

Here you see how a box with a 4 pixel rgb(1, 161, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 161, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 161, 193);  
box-shadow:4px 4px 4px 4px rgb(1, 161,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 35.251, 228.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 161, 193) }
```

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

```
.background{ background-color: rgb(1, 161,  
193) }
```

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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