

Converting Colors

CIELCh(61, 28.782, 215.217)

Have a look what the booklet for
CIELCh(61, 28.782, 215.217)
contains.

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Color

CIELCh(61, 28.833, 215.606)

Conversions

Conversions Part 1

Format	Color
Hex	3DA0B0
RGB	61, 160, 176
RGB Percent	24%, 63%, 69%
CMY	0.7610, 0.3727, 0.3100
CMYK	0.65, 0.09, 0.00, 0.31
HSL	188°, 49%, 46%
HSV	188°, 65%, 69%
XYZ	22.3152, 29.2481, 45.5187
YIQ	132.2230, -64.1400, -16.0120

Conversions

Conversions Part 2

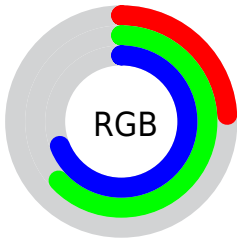
Format	Color
R_{YB}	61, 114, 176
Decimal	4038832
CIE _{Lab}	61.00, -23.44, -16.79
CIE _{LCh}	61, 28.833, 215.606
Yxy	29.2481, 0.2299, 0.3013
Android (android.graphics.Color)	4282228912 (0xFF3DA0B0)
YUV	132.2230, 21.5821, -62.4626
Hunter-Lab	54.0815, -20.9899, -12.0454

Details

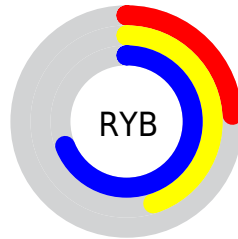
The CIELCh color **61, 28.833, 215.606** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 48.935, 36.642**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 28.767, 216.106**, and **41, 25.713, 217.827** is the 20% darker color. If you saturate the color by 10%, you get **60, 30.893, 217.011**, and if you desaturate by 10%, it is **62, 26.031, 214.547**.

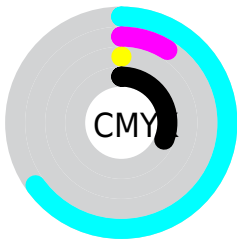
Distribution



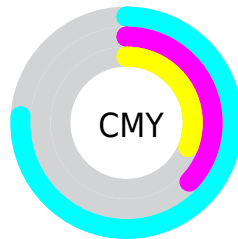
- Red (24%)
- Green (63%)
- Blue (69%)



- Red (24%)
- Yellow (45%)
- Blue (69%)



- Cyan (65%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (37%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 28.833, 215.606 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, 28.833, 215.606 by changing the saturation by 10% instead.

 61, 28.833,
215.606

 61, 28.833,
215.606

 100, 28.833,
215.606


 51, 28.833,
215.606

 81, 28.833,
215.606

 41, 28.833,
215.606

 91, 28.833,
215.606

 31, 28.833,
215.606

 21, 28.833,
215.606

 11, 28.833,
215.606

 1, 28.833, 215.606

 0, 28.833, 215.606

61, 28.833,
215.606

61, 28.833,
215.606

60, 30.893,
217.011

62, 26.031,
214.547

59, 32.220,
218.824

64, 22.528,
213.782

58, 32.882,
221.088

65, 18.394,
213.259

57, 33.089,
222.216

67, 13.713,
212.933

69, 8.577, 212.775

71, 3.074, 212.822

73, 2.716, 32.512

75, 8.722, 32.751

77, 14.885, 32.943

Harmonies

Complementary

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



61, 28.833, 215.606



45, 48.935, 36.642

Rectangle

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



61, 28.833, 215.606



61, 28.833, 265.606



61, 28.833, 35.606



61, 28.833, 85.606

Sweetspot

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



61, 28.832, 215.605



86, 13.650, 212.834



64, 67.022, 142.068



45, 9.219, 212.883



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 28.832, 215.605



76, 38.435, 217.685



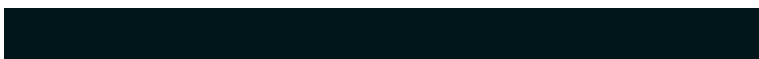
44, 44.178, 282.013



37, 3.253, 212.764



50, 29.865, 221.892



6, 7.731, 219.538

Inverse Universe

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



46, 65.365, 332.445



56, 89.788, 333.302



59, 45.200, 79.485



35, 6.133, 329.009



35, 70.895, 334.565



2, 14.120, 330.596

Previews

White Background



This preview shows how the CIELCh color 61, 28.833, 215.606 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, 28.833, 215.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

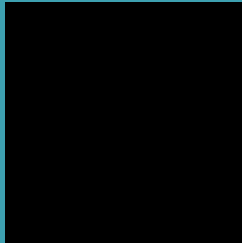
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 28.833, 215.606

Background



This preview shows how black text looks on a background with the CIELCh color 61, 28.833, 215.606.



This preview shows how white text looks on a background with the CIELCh color 61, 28.833, 215.606.

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, 28.901, 211.958

Trichromacy



Original Color
61, 28.833, 215.606

Protanomaly
60, 16.510, 242.032

Deuteranomaly
60, 20.056, 256.929

Tritanomaly
61, 28.920, 213.138

Monochromacy



Original Color
61, 28.833, 215.606

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 13.163, 213.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 28.833, 215.606 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(61, 160, 176)` looks like.

```
.text, #text, p{  
    color:rgb(61, 160, 176)  
}
```

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(61, 160, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 160, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 28.833, 215.606 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(61, 160, 176) }
```

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

```
.border{ border-color:rgb(61, 160, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 160, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 160, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 160, 176);  
box-shadow:4px 4px 4px 4px rgb(61, 160,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 28.833, 215.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 160, 176) }
```

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

```
.background{ background-color: rgb(61, 160,  
176) }
```

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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