

Converting Colors

CIELCh(61, 34.124, 230.650)

Have a look what the booklet for
CIELCh(61, 34.124, 230.650)
contains.

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Color

CIELCh(61, 34.115, 230.698)

Conversions

Conversions Part 1

Format	Color
Hex	1EA0C1
RGB	30, 160, 193
RGB Percent	12%, 63%, 76%
CMY	0.8827, 0.3727, 0.2433
CMYK	0.84, 0.17, 0.00, 0.24
HSL	192°, 73%, 44%
HSV	192°, 84%, 76%
XYZ	22.7155, 29.2481, 54.8720
YIQ	124.8920, -88.0730, -17.2970

Conversions

Conversions Part 2

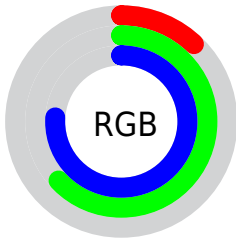
Format	Color
R_{YB}	30, 102, 193
Decimal	2007233
CIE _{Lab}	61.00, -21.61, -26.40
CIE _{LCh}	61, 34.115, 230.698
Yxy	29.2481, 0.2126, 0.2738
Android (android.graphics.Color)	4280197313 (0xFF1EA0C1)
YUV	124.8920, 33.5772, -83.2203
Hunter-Lab	54.0815, -19.6685, -22.2995

Details

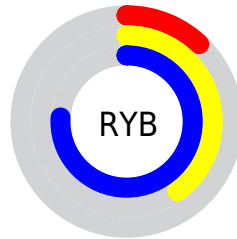
The CIELCh color **61, 34.115, 230.698** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **46, 68.855, 42.849**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 34.219, 230.970**, and **42, 28.285, 239.463** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.203, 234.153**, and if you desaturate by 10%, it is **63, 32.419, 227.874**.

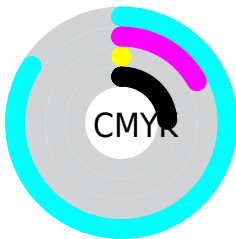
Distribution



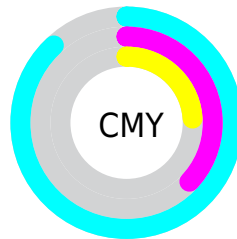
- Red (12%)
- Green (63%)
- Blue (76%)



- Red (12%)
- Yellow (40%)
- Blue (76%)



- Cyan (84%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)




- Cyan (88%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.115, 230.698 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, 34.115, 230.698 by changing the saturation by 10% instead.

 61, 34.115,
230.698


 61, 34.115,
230.698


 100, 34.115,
230.698

 51, 34.115,
230.698

 81, 34.115,
230.698


 41, 34.115,
230.698


 91, 34.115,
230.698

 31, 34.115,
230.698

 21, 34.115,
230.698

 11, 34.115,
230.698

 1, 34.115, 230.698

 0, 34.115, 230.698

■ 61, 34.115,
230.698

■ 61, 34.115,
230.698

■ 60, 35.203,
234.153

■ 63, 32.419,
227.874

■ 59, 35.678,
236.220

■ 64, 30.027,
225.626

■ 66, 26.920,
223.874

■ 68, 23.130,
222.534

■ 70, 18.725,
221.531

■ 72, 13.788,
220.800

■ 75, 8.410, 220.296

■ 77, 2.675, 220.068

Harmonies

Complementary

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



61, 34.115, 230.698



46, 68.855, 42.849

Rectangle

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



61, 34.115, 230.698



61, 34.115, 280.698



61, 34.115, 50.698



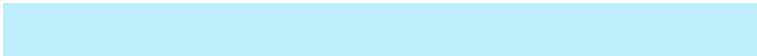
61, 34.115, 100.698

Sweetspot

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



61, 34.114, 230.698



91, 17.309, 220.856



69, 83.423, 140.942



47, 11.663, 221.095



99, 0.012, 296.813



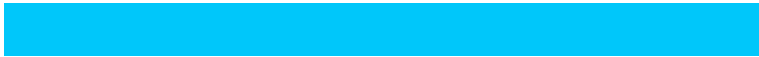
52, 0.007, 296.813

Same Dimension

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



61, 34.114, 230.698



75, 43.412, 236.913



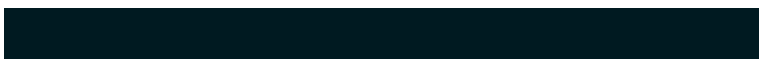
37, 69.747, 293.258



40, 3.346, 220.125



50, 31.105, 235.625



8, 10.382, 227.809

Inverse Universe

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



45, 77.652, 336.732



57, 97.013, 338.535



63, 62.227, 81.918



38, 6.278, 331.162



36, 70.038, 338.173



4, 19.985, 334.674

Previews

White Background



This preview shows how the CIE LCh color 61, 34.115, 230.698 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, 34.115, 230.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

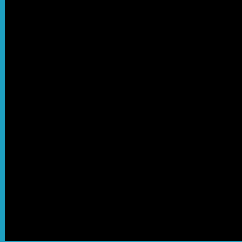
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.115, 230.698

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.115, 230.698.

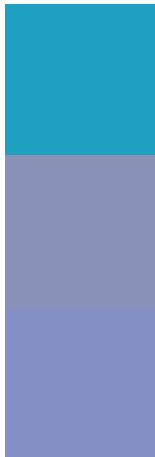


This preview shows how white text looks on a background with the CIELCh color 61, 34.115, 230.698.

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, 34.115, 230.698

Protanopia

61, 20.963, 284.959

Deuteranopia

61, 29.998, 286.015



Tritanopia
61, 34.596, 209.031

Trichromacy



Original Color
61, 34.115, 230.698



Protanomaly
60, 25.196, 252.921



Deuteranomaly
60, 29.796, 260.054



Tritanomaly
61, 34.040, 216.421

Monochromacy



Original Color
61, 34.115, 230.698



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 17.356, 221.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.115, 230.698 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(30, 160, 193)` looks like.

```
.text, #text, p{  
    color:rgb(30, 160, 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(30, 160, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 160, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.115, 230.698 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(30, 160, 193) }
```

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

```
.border{ border-color:rgb(30, 160, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 160, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 160, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 160, 193);  
box-shadow:4px 4px 4px 4px rgb(30, 160,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.115, 230.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 160, 193) }
```

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

```
.background{ background-color: rgb(30, 160,  
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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