

Converting Colors

CIELCh(61, 32.181, 142.854)

Have a look what the booklet for
CIELCh(61, 32.181, 142.854)
contains.

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Color

CIELCh(61, 32.382, 142.929)

Conversions

Conversions Part 1

Format	Color
Hex	6F9F70
RGB	111, 159, 112
RGB Percent	44%, 62%, 44%
CMY	0.5656, 0.3774, 0.5616
CMYK	0.30, 0.00, 0.30, 0.38
HSL	121°, 20%, 53%
HSV	121°, 30%, 62%
XYZ	21.7994, 29.2481, 19.7630
YIQ	139.2900, -13.5210, -24.7930

Conversions

Conversions Part 2

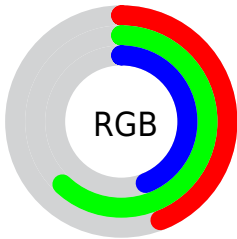
Format	Color
RYB	111, 158, 159
Decimal	7315312
CIELab	61.00, -25.84, 19.52
CIElCh	61, 32.382, 142.929
Yxy	29.2481, 0.3079, 0.4130
Android (android.graphics.Color)	4285505392 (0xFF6F9F70)
YUV	139.2900, -13.4540, -24.8103
Hunter-Lab	54.0815, -22.6921, 16.1907

Details

The CIELCh color $61, 32.382, 142.929$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $53, 32.382, 326.625$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 32.399, 142.901$, and $41, 32.119, 143.085$ is the 20% darker color. If you saturate the color by 10%, you get $60, 42.837, 142.007$, and if you desaturate by 10%, it is $62, 21.678, 143.732$.

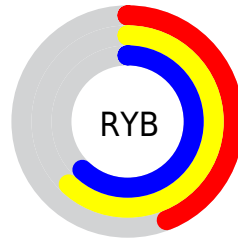
Distribution



Red (44%)

Green (62%)

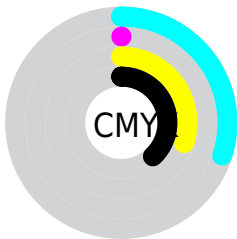
Blue (44%)



Red (44%)

Yellow (62%)

Blue (62%)

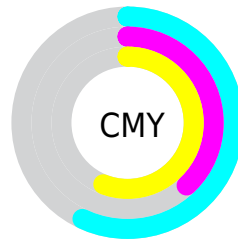


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (38%)



Cyan (57%)


Magenta (38%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 32.382, 142.929 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, 32.382, 142.929 by changing the saturation by 10% instead.


 61, 32.382,
142.929


 61, 32.382,
142.929


 100, 32.382,
142.929


 51, 32.382,
142.929


 81, 32.382,
142.929

 41, 32.382,
142.929

 91, 32.382,
142.929

 31, 32.382,
142.929

 21, 32.382,
142.929

 11, 32.382,
142.929

 1, 32.382, 142.929

 0, 32.382, 142.929

■ 61, 32.382,
142.929

■ 61, 32.382,
142.929

■ 60, 42.837,
142.007

■ 62, 21.678,
143.732

■ 59, 52.793,
140.968

■ 64, 10.914,
144.427

■ 58, 61.951,
139.840

■ 65, 0.235, 145.935

■ 58, 69.956,
138.685

■ 67, 10.258,
325.465

■ 57, 76.414,
137.607

■ 69, 20.494,
325.897

■ 57, 80.961,
136.741

■ 71, 30.432,
326.259

■ 57, 83.640,
136.220

■ 73, 40.050,
326.567

■ 75, 49.340,
326.830

■ 78, 58.307,
327.057

Harmonies

Complementary

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



61, 32.382, 142.929



53, 32.382, 326.625

Rectangle

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



61, 32.382, 142.929



61, 32.382, 192.929



61, 32.382, 322.929



61, 32.382, 12.929

Sweetspot

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



61, 32.383, 142.929



81, 11.889, 144.496



64, 26.326, 108.051



43, 8.335, 144.406



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 32.383, 142.929



77, 47.629, 142.347



62, 22.343, 161.788



33, 6.008, 144.491



51, 77.343, 136.248



3, 7.836, 144.976

Inverse Universe

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



53, 32.382, 326.625



65, 47.577, 326.961



52, 23.248, 347.359



31, 6.018, 325.481



33, 73.850, 329.064



1, 7.805, 325.139

Previews

White Background



This preview shows how the CIELCh color 61, 32.382, 142.929 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 CIE LCh color 61, 32.382, 142.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

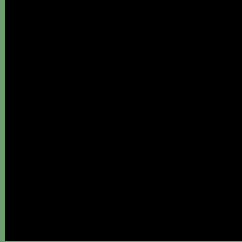
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 32.382, 142.929

Background



This preview shows how black text looks on a background with the CIELCh color 61, 32.382, 142.929.



This preview shows how white text looks on a background with the CIELCh color 61, 32.382, 142.929.

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, 32.382, 142.929

Protanopia

61, 22.926, 94.613

Deuteranopia

61, 19.158, 66.670



Tritanopia
61, 12.899, 230.339

Trichromacy



Original Color
61, 32.382, 142.929

Protanomaly
61, 24.239, 117.444

Deuteranomaly
60, 18.454, 105.463

Tritanomaly
61, 14.687, 177.809

Monochromacy



Original Color
61, 32.382, 142.929

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 11.778, 143.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 32.382, 142.929 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(111, 159, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 159, 112)  
}
```

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(111, 159, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 159, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 32.382, 142.929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

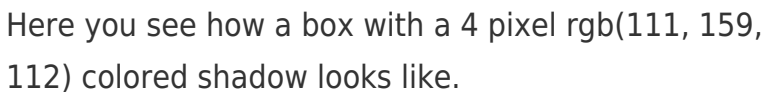
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 159, 112) }
```

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

```
.border{ border-color:rgb(111, 159, 112) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 159, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 159, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 159, 112); box-shadow:4px 4px 4px 4px rgb(111, 159, 112) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 32.382, 142.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 159, 112) }
```

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

```
.background{ background-color: rgb(111,  
159, 112) }
```

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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