

Converting Colors

CIELCh(61, 12.966, 172.041)

Have a look what the booklet for
CIELCh(61, 12.966, 172.041)
contains.

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Color

CIELCh(61, 13.015, 172.568)

Conversions

Conversions Part 1

Format	Color
Hex	7B9A90
RGB	123, 154, 144
RGB Percent	48%, 60%, 56%
CMY	0.5184, 0.3969, 0.4361
CMYK	0.20, 0.00, 0.07, 0.40
HSL	161°, 13%, 54%
HSV	161°, 20%, 60%
XYZ	24.6810, 29.2481, 30.6500
YIQ	143.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

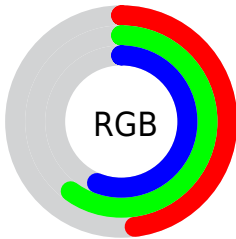
Format	Color
RYB	123, 141, 154
Decimal	8100496
CIELab	61.00, -12.91, 1.68
CIElCh	61, 13.015, 172.568
Yxy	29.2481, 0.2918, 0.3458
Android (android.graphics.Color)	4286290576 (0xFF7B9A90)
YUV	143.5910, 0.2016, -18.0583
Hunter-Lab	54.0815, -13.1812, 4.2552

Details

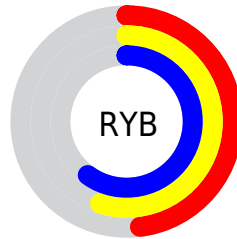
The CIELCh color $61, 13.015, 172.568$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 13.716, 356.383$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 12.678, 173.695$, and $41, 12.867, 172.682$ is the 20% darker color. If you saturate the color by 10%, you get $60, 19.220, 171.510$, and if you desaturate by 10%, it is $62, 6.612, 173.558$.

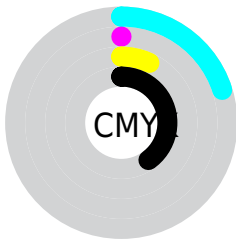
Distribution



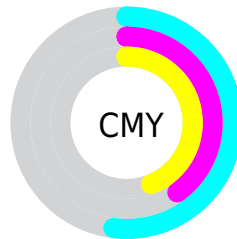
- Red (48%)
- Green (60%)
- Blue (56%)



- Red (48%)
- Yellow (55%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)





- Cyan (52%)
- Magenta (40%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 13.015, 172.568 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, 13.015, 172.568 by changing the saturation by 10% instead.

 61, 13.015,
172.568


 61, 13.015,
172.568


 100, 13.015,
172.568


 51, 13.015,
172.568


 81, 13.015,
172.568

 41, 13.015,
172.568


 91, 13.015,
172.568

 31, 13.015,
172.568

 21, 13.015,
172.568

 11, 13.015,
172.568

 1, 13.015, 172.568

 0, 13.015, 172.568

61, 13.015,
172.568

61, 13.015,
172.568

60, 19.220,
171.510

62, 6.612, 173.558

59, 25.125,
170.363

64, 0.096, 178.410

65, 6.457, 355.180

58, 30.626,
169.102

66, 12.989,
356.005

58, 35.622,
167.702

68, 19.455,
356.769

57, 40.029,
166.141

70, 25.821,
357.492

57, 43.796,
164.397


72, 32.065,
358.180

56, 46.916,
162.458

74, 38.173,
358.839

56, 49.537,

160.450

 75, 42.036,
357.824

Harmonies

Complementary

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



61, 13.015, 172.568



55, 13.716, 356.383

Rectangle

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



61, 13.015, 172.568



61, 13.015, 222.568



61, 13.015, 352.568



61, 13.015, 42.568

Sweetspot

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



61, 13.016, 172.565



79, 4.827, 173.967



61, 19.232, 133.795



41, 3.193, 173.906



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 13.016, 172.565



77, 19.018, 172.120



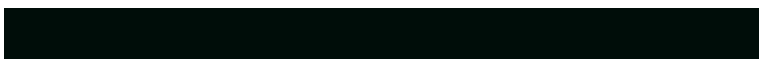
60, 9.760, 216.110



32, 3.667, 173.651



51, 46.164, 160.644



3, 4.018, 173.660

Inverse Universe

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



55, 13.716, 356.383



67, 20.278, 356.893



56, 11.140, 35.694



30, 3.756, 355.200



29, 55.307, 17.660



1, 3.980, 354.776

Previews

White Background



This preview shows how the CIELCh color 61, 13.015, 172.568 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, 13.015, 172.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

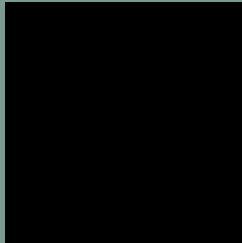
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 13.015, 172.568

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.015, 172.568.



This preview shows how white text looks on a background with the CIELCh color 61, 13.015, 172.568.

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, 13.015, 172.568

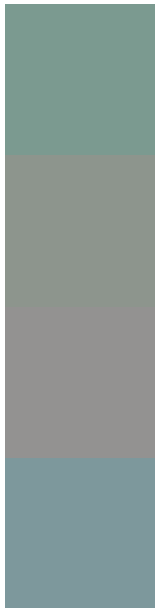
Protanopia
61, 3.891, 79.220

Deuteranopia
61, 7.822, 3.504



Tritanopia
61, 11.007, 236.833

Trichromacy



Original Color
61, 13.015, 172.568

Protanomaly
61, 5.496, 144.182

Deuteranomaly
61, 0.674, 74.827

Tritanomaly
61, 10.001, 211.658

Monochromacy



Original Color
61, 13.015, 172.568

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 4.824, 171.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.015, 172.568 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(123, 154, 144)` looks like.

```
.text, #text, p{  
    color:rgb(123, 154, 144)  
}
```

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(123, 154, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 154, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.015, 172.568 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(123, 154, 144) }
```

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

```
.border{ border-color:rgb(123, 154, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 154, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 154, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 154, 144);  
box-shadow:4px 4px 4px 4px rgb(123, 154,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.015, 172.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 154, 144) }
```

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

```
.background{ background-color: rgb(123,  
154, 144) }
```

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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