

Converting Colors

CIELCh(61, 12.743, 174.777)

Have a look what the booklet for
CIELCh(61, 12.743, 174.777)
contains.

CIELCh(61, 12.744, 174.791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 12.744, 174.791)

Conversions

Conversions Part 1

Format	Color
Hex	7B9A91
RGB	123, 154, 145
RGB Percent	48%, 60%, 57%
CMY	0.5187, 0.3971, 0.4324
CMYK	0.20, 0.00, 0.06, 0.40
HSL	163°, 13%, 54%
HSV	163°, 20%, 60%
XYZ	24.7308, 29.2481, 31.0208
YIQ	143.7050, -15.5870, -9.3710

Conversions

Conversions Part 2

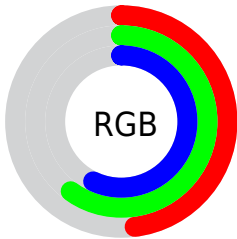
Format	Color
RYB	123, 141, 154
Decimal	8100497
CIELab	61.00, -12.69, 1.16
CIELCh	61, 12.744, 174.791
Yxy	29.2481, 0.2910, 0.3441
Android (android.graphics.Color)	4286290577 (0xFF7B9A91)
YUV	143.7050, 0.6384, -18.1583
Hunter-Lab	54.0815, -13.0169, 3.8487

Details

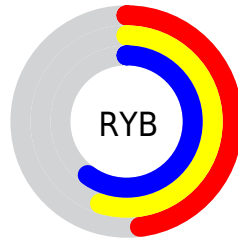
The CIELCh color $61, 12.744, 174.791$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 13.519, 358.625$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 12.436, 175.872$, and $41, 12.570, 175.107$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.784, 173.742$, and if you desaturate by 10%, it is $62, 6.488, 175.779$.

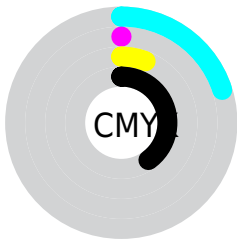
Distribution



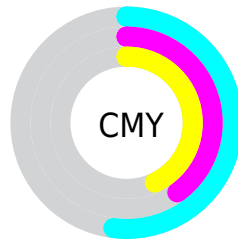
- Red (48%)
- Green (60%)
- Blue (57%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)





- Cyan (52%)
- Magenta (40%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 12.744, 174.791 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, 12.744, 174.791 by changing the saturation by 10% instead.


 61, 12.744,
174.791


 61, 12.744,
174.791


 100, 12.744,
174.791


 51, 12.744,
174.791


 81, 12.744,
174.791

 41, 12.744,
174.791

 91, 12.744,
174.791

 31, 12.744,
174.791

 21, 12.744,
174.791

 11, 12.744,
174.791

 1, 12.744, 174.791

 0, 12.744, 174.791

61, 12.744,
174.791

61, 12.744,
174.791

60, 18.784,
173.742

62, 6.488, 175.779

59, 24.505,
172.612

63, 0.100, 180.594

65, 6.345, 357.404

58, 29.805,
171.376

66, 12.785,
358.240

58, 34.587,
170.010

68, 19.175,
359.017

57, 38.769,
168.492

70, 25.480,
359.755

57, 42.304,
166.799

72, 31.677, 0.461

56, 45.189,
164.917

73, 37.748, 1.138

75, 41.568, 0.276

56, 47.577,

Harmonies

Complementary

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



61, 12.744, 174.791



55, 13.519, 358.625

Rectangle

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



61, 12.744, 174.791



61, 12.744, 224.791



61, 12.744, 354.791



61, 12.744, 44.791

Sweetspot

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



61, 12.745, 174.787



79, 4.738, 176.190



61, 19.419, 134.845



42, 3.133, 176.128



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, 12.745, 174.787



77, 18.608, 174.346



59, 9.582, 220.236



32, 3.597, 175.872



52, 44.365, 163.154



3, 3.946, 175.815

Inverse Universe

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



55, 13.519, 358.625



67, 20.003, 359.144



56, 10.908, 39.164



30, 3.695, 357.425



29, 56.045, 20.579



1, 3.912, 356.972

Previews

White Background



This preview shows how the CIELCh color 61, 12.744, 174.791 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, 12.744, 174.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

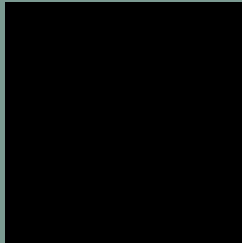
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 12.744, 174.791

Background



This preview shows how black text looks on a background with the CIELCh color 61, 12.744, 174.791.

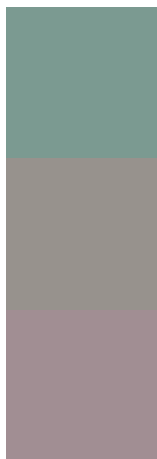


This preview shows how white text looks on a background with the CIELCh color 61, 12.744, 174.791.

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, 12.744, 174.791

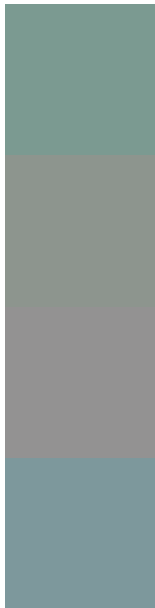
Protanopia
61, 3.416, 74.550

Deuteranopia
61, 7.987, 359.633



Tritanopia
61, 11.007, 236.833

Trichromacy



Original Color
61, 12.744, 174.791

Protanomaly
61, 5.040, 147.776

Deuteranomaly
61, 0.389, 18.318

Tritanomaly
61, 10.001, 211.658

Monochromacy



Original Color
61, 12.744, 174.791

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 4.570, 177.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 12.744, 174.791 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(123, 154, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 154, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 12.744, 174.791 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, 145) }
```

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

```
.border{ border-color:rgb(123, 154, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(123, 154,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 12.744, 174.791 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, 145) }
```

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

```
.background{ background-color: rgb(123,  
154, 145) }
```

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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