

Converting Colors

CIELCh(61, 16.135, 172.474)

Have a look what the booklet for
CIELCh(61, 16.135, 172.474)
contains.

CIELCh(61, 16.091, 173.062)	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, 16.091, 173.062)

Conversions

Conversions Part 1

Format	Color
Hex	749B8F
RGB	116, 155, 143
RGB Percent	45%, 61%, 56%
CMY	0.5441, 0.3911, 0.4382
CMYK	0.25, 0.00, 0.08, 0.39
HSL	162°, 16%, 53%
HSV	162°, 25%, 61%
XYZ	23.9758, 29.2481, 30.4678
YIQ	141.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

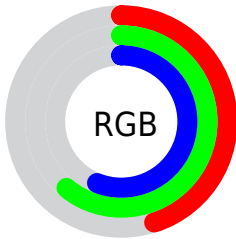
Format	Color
RYB	116, 139, 155
Decimal	7641999
CIELab	61.00, -15.97, 1.94
CIELCh	61, 16.091, 173.062
Yxy	29.2481, 0.2865, 0.3495
Android (android.graphics.Color)	4285832079 (0xFF749B8F)
YUV	141.9710, 0.5073, -22.7766
Hunter-Lab	54.0815, -15.5088, 4.4550

Details

The CIELCh color $61, 16.091, 173.062$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 17.256, 358.004$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 16.194, 172.957$, and $41, 16.350, 173.253$ is the 20% darker color. If you saturate the color by 10%, you get $60, 22.126, 171.966$, and if you desaturate by 10%, it is $62, 9.799, 174.077$.

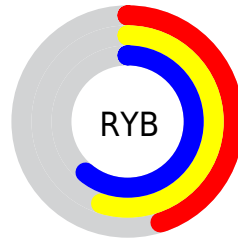
Distribution



Red (45%)

Green (61%)

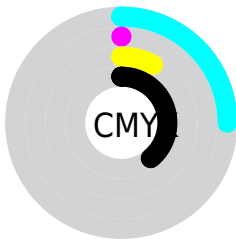
Blue (56%)



Red (45%)

Yellow (55%)

Blue (61%)

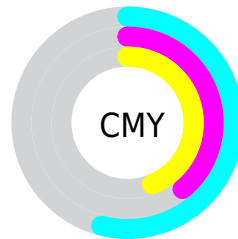


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (39%)



Cyan (54%)


Magenta (39%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 16.091, 173.062 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, 16.091, 173.062 by changing the saturation by 10% instead.


 61, 16.091,
173.062


 61, 16.091,
173.062


 100, 16.091,
173.062


 51, 16.091,
173.062


 81, 16.091,
173.062

 41, 16.091,
173.062

 91, 16.091,
173.062

 31, 16.091,
173.062

 21, 16.091,
173.062

 11, 16.091,
173.062

 1, 16.091, 173.062

 0, 16.091, 173.062

61, 16.091,
173.062

61, 16.091,
173.062

60, 22.126,
171.966

62, 9.799, 174.077

59, 27.797,
170.772

63, 3.342, 175.085

65, 3.197, 355.717

58, 33.002,
169.455

66, 9.750, 356.622

58, 37.646,
167.993

68, 16.265,
357.418

57, 41.661,
166.360

70, 22.701,
358.167

57, 45.018,
164.540

71, 29.031,
358.881

57, 47.752,
162.533

73, 35.236,
359.563

57, 48.991,

75, 40.964,

161.563

359.961

Harmonies

Complementary

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



61, 16.091, 173.062



53, 17.256, 358.004

Rectangle

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



61, 16.091, 173.062



61, 16.091, 223.062



61, 16.091, 353.062



61, 16.091, 43.062

Sweetspot

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



61, 16.092, 173.059



80, 6.440, 174.766



61, 24.286, 134.074



42, 4.610, 174.623



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 16.092, 173.059



77, 23.557, 172.474



59, 11.951, 218.374



32, 3.634, 174.660



51, 45.332, 161.774



3, 3.984, 174.640

Inverse Universe

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



53, 17.256, 358.004



65, 25.671, 358.714



55, 14.130, 37.464



30, 3.727, 356.213



29, 55.625, 19.012



1, 3.948, 355.775

Previews

White Background



This preview shows how the CIELCh color 61, 16.091, 173.062 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, 16.091, 173.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

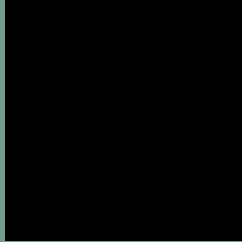
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 16.091, 173.062

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.091, 173.062.

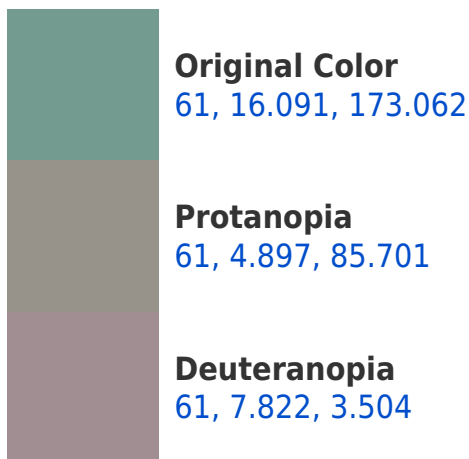


This preview shows how white text looks on a background with the CIELCh color 61, 16.091, 173.062.

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, 12.623, 231.135

Trichromacy



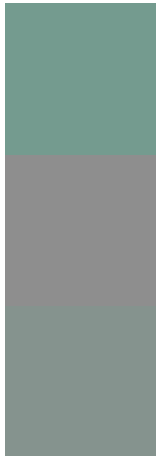
Original Color
61, 16.091, 173.062

Protanomaly
61, 6.666, 149.484

Deuteranomaly
61, 1.368, 144.519

Tritanomaly
61, 12.266, 206.315

Monochromacy



Original Color
61, 16.091, 173.062

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.110, 171.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.091, 173.062 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(116, 155, 143)` looks like.

```
.text, #text, p{  
    color:rgb(116, 155, 143)  
}
```

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(116, 155, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 155, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.091, 173.062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

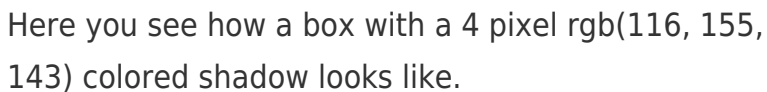
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 155, 143) }
```

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

```
.border{ border-color:rgb(116, 155, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 155, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 155, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 155, 143);  
box-shadow:4px 4px 4px 4px rgb(116, 155,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.091, 173.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 155, 143) }
```

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

```
.background{ background-color: rgb(116,  
155, 143) }
```

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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