

Converting Colors

CIELCh(61, 19.036, 139.108)

Have a look what the booklet for
CIELCh(61, 19.036, 139.108)
contains.

CIELCh(61, 19.087, 139.673)	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, 19.087, 139.673)

Conversions

Conversions Part 1

Format	Color
Hex	819A7D
RGB	129, 154, 125
RGB Percent	51%, 60%, 49%
CMY	0.4942, 0.3962, 0.5099
CMYK	0.16, 0.00, 0.19, 0.40
HSL	112°, 13%, 55%
HSV	112°, 19%, 60%
XYZ	24.3010, 29.2481, 23.7585
YIQ	143.2190, -5.5910, -14.3190

Conversions

Conversions Part 2

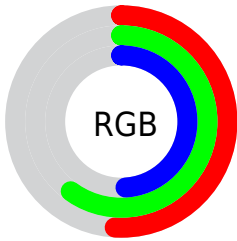
Format	Color
RYB	125, 154, 150
Decimal	8493693
CIELab	61.00, -14.55, 12.35
CIElCh	61, 19.087, 139.673
Yxy	29.2481, 0.3143, 0.3783
Android (android.graphics.Color)	4286683773 (0xFF819A7D)
YUV	143.2190, -8.9820, -12.4701
Hunter-Lab	54.0815, -14.4354, 11.8104

Details

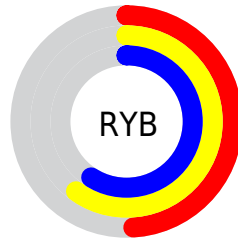
The CIELCh color $61, 19.087, 139.673$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $56, 19.204, 321.486$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.675, 140.037$, and $41, 19.286, 140.000$ is the 20% darker color. If you saturate the color by 10%, you get $60, 29.245, 139.046$, and if you desaturate by 10%, it is $62, 8.913, 140.233$.

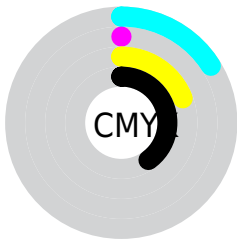
Distribution



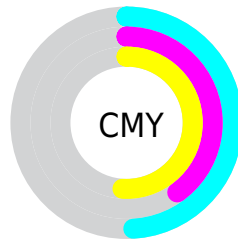
- Red (51%)
- Green (60%)
- Blue (49%)



- Red (49%)
- Yellow (60%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)





- Cyan (49%)
- Magenta (40%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 19.087, 139.673 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, 19.087, 139.673 by changing the saturation by 10% instead.


 61, 19.087,
139.673


 61, 19.087,
139.673


 100, 19.087,
139.673


 51, 19.087,
139.673


 81, 19.087,
139.673

 41, 19.087,
139.673


 91, 19.087,
139.673

 31, 19.087,
139.673

 21, 19.087,
139.673

 11, 19.087,
139.673

 1, 19.087, 139.673

 0, 19.087, 139.673

61, 19.087,
139.673

61, 19.087,
139.673

60, 29.245,
139.046

62, 8.913, 140.233

59, 39.237,
138.347

64, 1.176, 320.529

58, 48.870,
137.592

65, 11.102,
321.078

57, 57.888,
136.819

67, 20.816,
321.435

56, 65.962,
136.097

69, 30.285,
321.735

56, 72.695,
135.531

71, 39.490,
321.990


56, 77.679,
135.245


73, 48.426,
322.206

55, 80.913,

75, 57.093,
322.390

135.199

 76, 61.806,
324.662

 55, 81.249,
135.174

Harmonies

Complementary

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



61, 19.087, 139.673



56, 19.204, 321.486

Rectangle

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



61, 19.087, 139.673



61, 19.087, 189.673



61, 19.087, 319.673



61, 19.087, 9.673

Sweetspot

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



61, 19.089, 139.674



79, 7.442, 140.378



62, 13.866, 101.219



41, 4.926, 140.347



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, 19.089, 139.674



76, 28.741, 139.394



61, 15.503, 154.968



32, 5.673, 140.212



51, 75.829, 135.111



3, 6.118, 140.703

Inverse Universe

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



56, 19.204, 321.486



68, 28.946, 321.699



56, 15.666, 337.724



30, 5.697, 321.035



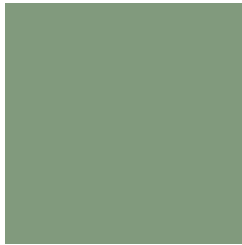
29, 74.841, 323.053



1, 6.092, 320.270

Previews

White Background



This preview shows how the CIELCh color 61, 19.087, 139.673 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, 19.087, 139.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

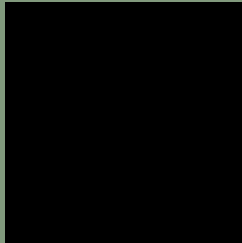
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.087, 139.673

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.087, 139.673.



This preview shows how white text looks on a background with the CIELCh color 61, 19.087, 139.673.

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](#).

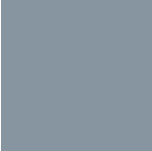
Dichromacy



Original Color
61, 19.087, 139.673

Protanopia
61, 14.920, 95.645

Deuteranopia
61, 13.433, 52.938



Tritanopia
61, 8.359, 253.276

Trichromacy



Original Color
61, 19.087, 139.673

Protanomaly
61, 15.714, 114.408

Deuteranomaly
61, 11.142, 91.849

Tritanomaly
61, 7.032, 184.881

Monochromacy



Original Color
61, 19.087, 139.673

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 7.164, 139.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.087, 139.673 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(129, 154, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 154, 125)  
}
```

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(129, 154, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 154, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.087, 139.673 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(129, 154, 125) }
```

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

```
.border{ border-color:rgb(129, 154, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 154, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 154, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 154, 125);  
box-shadow:4px 4px 4px 4px rgb(129, 154,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.087, 139.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 154, 125) }
```

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

```
.background{ background-color: rgb(129,  
154, 125) }
```

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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