

Converting Colors

CIELCh(61, 26.378, 128.794)

Have a look what the booklet for
CIELCh(61, 26.378, 128.794)
contains.

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Color

CIELCh(61, 26.856, 128.928)

Conversions

Conversions Part 1

Format	Color
Hex	839B6E
RGB	131, 155, 110
RGB Percent	51%, 61%, 43%
CMY	0.4876, 0.3935, 0.5699
CMYK	0.16, 0.00, 0.29, 0.39
HSL	92°, 18%, 52%
HSV	92°, 29%, 61%
XYZ	23.7711, 29.2481, 19.0532
YIQ	142.6940, 0.1410, -19.0830

Conversions

Conversions Part 2

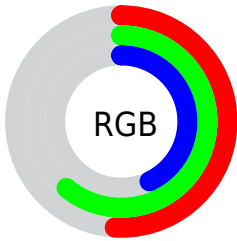
Format	Color
RYB	110, 155, 134
Decimal	8625006
CIELab	61.00, -16.87, 20.89
CIElCh	61, 26.856, 128.928
Yxy	29.2481, 0.3298, 0.4058
Android (android.graphics.Color)	4286815086 (0xFF839B6E)
YUV	142.6940, -16.1181, -10.2556
Hunter-Lab	54.0815, -16.1844, 16.9689

Details

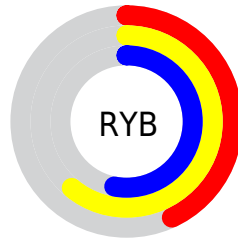
The CIELCh color $61, 26.856, 128.928$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $50, 27.855, 311.552$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 27.164, 129.487$, and $41, 26.916, 128.959$ is the 20% darker color. If you saturate the color by 10%, you get $60, 35.924, 128.456$, and if you desaturate by 10%, it is $62, 17.646, 129.402$.

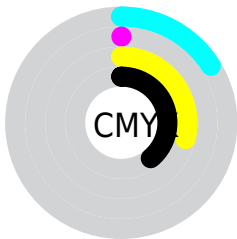
Distribution



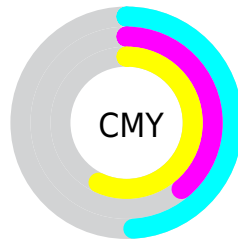
- Red (51%)
- Green (61%)
- Blue (43%)



- Red (43%)
- Yellow (61%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (29%)
- Black (39%)





- Cyan (49%)
- Magenta (39%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 26.856, 128.928 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, 26.856, 128.928 by changing the saturation by 10% instead.


 61, 26.856,
128.928


 61, 26.856,
128.928


 100, 26.856,
128.928


 51, 26.856,
128.928


 81, 26.856,
128.928

 41, 26.856,
128.928

 91, 26.856,
128.928

 31, 26.856,
128.928

 21, 26.856,
128.928

 11, 26.856,
128.928

 1, 26.856, 128.928

 0, 26.856, 128.928

61, 26.856,
128.928

61, 26.856,
128.928

60, 35.924,
128.456

62, 17.646,
129.402

59, 44.708,
128.014

63, 8.387, 129.858

59, 53.009,
127.655

64, 0.851, 310.140

58, 60.552,
127.459

65, 10.018,
310.638

58, 66.980,
127.534

66, 19.079,
310.991

57, 71.919,
128.001

68, 28.009,
311.305


57, 75.420,
128.818

69, 36.792,
311.585

57, 75.728,

70, 45.417,
311.833

128.884

 72, 53.877,
312.052

Harmonies

Complementary

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



61, 26.856, 128.928



50, 27.855, 311.552

Rectangle

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



61, 26.856, 128.928



61, 26.856, 178.928



61, 26.856, 308.928



61, 26.856, 358.928

Sweetspot

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



61, 26.857, 128.930



80, 10.305, 129.854



57, 16.411, 75.302



42, 7.220, 129.793



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, 26.857, 128.930



77, 39.979, 128.616



60, 30.253, 143.364



32, 5.172, 129.853



52, 70.406, 128.745



3, 5.603, 130.497

Inverse Universe

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



50, 27.855, 311.552



61, 41.841, 311.882



52, 30.258, 326.913



30, 5.235, 310.606



22, 79.228, 312.936



1, 5.583, 309.917

Previews

White Background



This preview shows how the CIELCh color 61, 26.856, 128.928 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, 26.856, 128.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

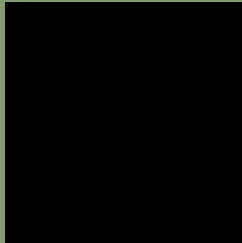
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 26.856, 128.928

Background



This preview shows how black text looks on a background with the CIELCh color 61, 26.856, 128.928.



This preview shows how white text looks on a background with the CIELCh color 61, 26.856, 128.928.

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, 26.856, 128.928

Protanopia

61, 23.340, 95.887

Deuteranopia

61, 20.785, 68.556



Tritanopia
61, 7.615, 262.067

Trichromacy



Original Color
61, 26.856, 128.928

Protanomaly
61, 23.877, 109.509

Deuteranomaly
61, 19.585, 94.205

Tritanomaly
61, 7.374, 161.147

Monochromacy



Original Color
61, 26.856, 128.928

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 10.238, 129.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 26.856, 128.928 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(131, 155, 110)` looks like.

```
.text, #text, p{  
    color:rgb(131, 155, 110)  
}
```

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(131, 155, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 155, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 26.856, 128.928 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(131, 155, 110) }
```

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

```
.border{ border-color:rgb(131, 155, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 155, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 155, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 155, 110);  
box-shadow:4px 4px 4px 4px rgb(131, 155,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 26.856, 128.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 155, 110) }
```

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

```
.background{ background-color: rgb(131,  
155, 110) }
```

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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