

Converting Colors

CIELCh(60, 28.703, 121.091)

Have a look what the booklet for
CIELCh(60, 28.703, 121.091)
contains.

CIELCh(60, 28.619, 121.529)	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(60, 28.619, 121.529)

Conversions

Conversions Part 1

Format	Color
Hex	869765
RGB	134, 151, 101
RGB Percent	53%, 59%, 40%
CMY	0.4747, 0.4080, 0.6041
CMYK	0.11, 0.00, 0.33, 0.41
HSL	80°, 20%, 49%
HSV	80°, 33%, 59%
XYZ	23.2317, 28.1233, 16.5057
YIQ	140.2170, 5.9180, -19.1540

Conversions

Conversions Part 2

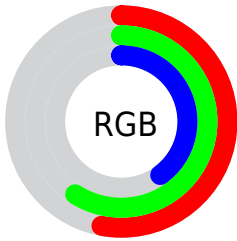
Format	Color
RYB	101, 151, 118
Decimal	8820581
CIELab	60.00, -14.97, 24.39
CIELCh	60, 28.619, 121.529
Yxy	28.1233, 0.3423, 0.4144
Android (android.graphics.Color)	4287010661 (0xFF869765)
YUV	140.2170, -19.3340, -5.4523
Hunter-Lab	53.0314, -14.6089, 18.6683

Details

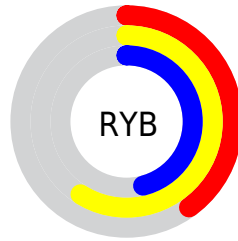
The CIELCh color $60, 28.619, 121.529$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 30.449, 305.361$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 28.661, 121.131$, and $40, 28.675, 120.939$ is the 20% darker color. If you saturate the color by 10%, you get $59, 36.960, 121.018$, and if you desaturate by 10%, it is $61, 20.070, 122.072$.

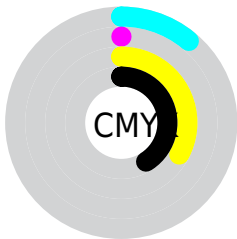
Distribution



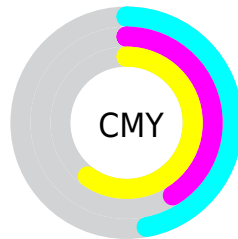
- Red (53%)
- Green (59%)
- Blue (40%)



- Red (40%)
- Yellow (59%)
- Blue (46%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (41%)





- Cyan (47%)
- Magenta (41%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 28.619, 121.529 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 60, 28.619, 121.529 by changing the saturation by 10% instead.


 60, 28.619,
121.529


 60, 28.619,
121.529


 100, 28.619,
121.529


 50, 28.619,
121.529


 80, 28.619,
121.529

 40, 28.619,
121.529

 90, 28.619,
121.529

 30, 28.619,
121.529

 20, 28.619,
121.529

 10, 28.619,
121.529

 0, 28.619, 121.529

 60, 28.619,

 60, 28.619,

121.529

121.529

■ 59, 36.960,
121.018

■ 61, 20.070,
122.072

■ 59, 44.941,
120.571

■ 61, 11.409,
122.616

■ 58, 52.347,
120.250

■ 62, 2.708, 123.157

■ 58, 58.877,
120.138

■ 63, 5.986, 303.633

■ 57, 64.167,
120.341

■ 64, 14.636,
304.111

■ 57, 67.888,
120.962

■ 65, 23.218,
304.554

■ 57, 69.877,
121.517

■ 66, 31.714,
304.962

■ 67, 40.109,
305.338

■ 68, 48.395,
305.683

Harmonies

Complementary

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



60, 28.619, 121.529



46, 30.449, 305.361

Rectangle

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



60, 28.619, 121.529



60, 28.619, 171.529



60, 28.619, 301.529



60, 28.619, 351.529

Sweetspot

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



60, 28.620, 121.531



78, 10.773, 122.773



52, 17.682, 53.306



41, 7.409, 122.703



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 28.620, 121.531



76, 42.575, 121.132



58, 32.722, 137.994



32, 4.968, 122.825



53, 66.178, 121.418



3, 5.395, 123.708

Inverse Universe

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



46, 30.449, 305.361



55, 46.071, 305.944



49, 33.102, 321.258



30, 5.054, 303.791



18, 82.411, 309.106



1, 5.382, 303.085

Previews

White Background



This preview shows how the CIELCh color 60, 28.619, 121.529 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 60, 28.619, 121.529 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 60, 28.619, 121.529

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.619, 121.529.



This preview shows how white text looks on a background with the CIELCh color 60, 28.619, 121.529.

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](#).

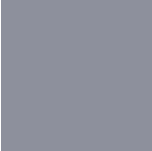
Dichromacy



Original Color
60, 28.619, 121.529

Protanopia
60, 26.212, 95.678

Deuteranopia
60, 24.215, 71.366



Tritanopia
60, 6.854, 281.545

Trichromacy



Original Color
60, 28.619, 121.529

Protanomaly
60, 26.660, 106.185

Deuteranomaly
60, 23.358, 91.419

Tritanomaly
60, 7.164, 139.039

Monochromacy



Original Color
60, 28.619, 121.529

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 10.446, 122.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.619, 121.529 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(134, 151, 101)` looks like.

```
.text, #text, p{  
    color:rgb(134, 151, 101)  
}
```

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(134, 151, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 151, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.619, 121.529 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(134, 151, 101) }
```

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

```
.border{ border-color:rgb(134, 151, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 151, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 151, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 151, 101);  
box-shadow:4px 4px 4px 4px rgb(134, 151,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.619, 121.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 151, 101) }
```

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

```
.background{ background-color: rgb(134,  
151, 101) }
```

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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