

Converting Colors

CIELCh(60, 40.890, 166.926)

Have a look what the booklet for
CIELCh(60, 40.890, 166.926)
contains.

CIELCh(60, 40.871, 166.979)	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, 40.871, 166.979)

Conversions

Conversions Part 1

Format	Color
Hex	32A27F
RGB	50, 162, 127
RGB Percent	20%, 64%, 50%
CMY	0.8030, 0.3640, 0.5013
CMYK	0.69, 0.00, 0.22, 0.36
HSL	161°, 53%, 42%
HSV	161°, 69%, 64%
XYZ	18.1195, 28.1233, 24.6087
YIQ	124.5220, -55.5170, -34.6290

Conversions

Conversions Part 2

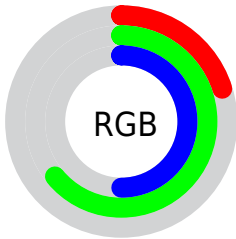
Format	Color
RYB	50, 116, 162
Decimal	3318399
CIELab	60.00, -39.82, 9.21
CIElCh	60, 40.871, 166.979
Yxy	28.1233, 0.2557, 0.3969
Android (android.graphics.Color)	4281508479 (0xFF32A27F)
YUV	124.5220, 1.2217, -65.3558
Hunter-Lab	53.0314, -31.8159, 9.6091

Details

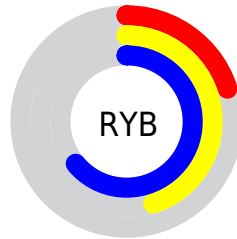
The CIELCh color **60, 40.871, 166.979** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **39, 48.929, 6.221**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 40.916, 166.901**, and **40, 36.416, 164.233** is the 20% darker color. If you saturate the color by 10%, you get **60, 44.786, 165.256**, and if you desaturate by 10%, it is **61, 36.286, 168.520**.

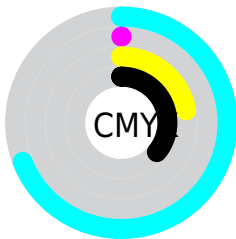
Distribution



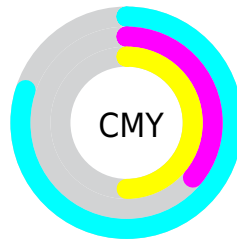
- Red (20%)
- Green (64%)
- Blue (50%)



- Red (20%)
- Yellow (45%)
- Blue (64%)



- Cyan (69%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)





- Cyan (80%)
- Magenta (36%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 40.871, 166.979 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, 40.871, 166.979 by changing the saturation by 10% instead.


 60, 40.871,
166.979


 60, 40.871,
166.979


 100, 40.871,
166.979


 50, 40.871,
166.979


 80, 40.871,
166.979

 40, 40.871,
166.979

 90, 40.871,
166.979

 30, 40.871,
166.979

 20, 40.871,
166.979

 10, 40.871,
166.979

 0, 40.871, 166.979

 60, 40.871,

 60, 40.871,

166.979

166.979

■ 60, 44.786,
165.256

■ 61, 36.286,
168.520

■ 59, 48.020,
163.339

■ 61, 31.086,
169.903

■ 59, 50.713,
161.286

■ 62, 25.361,
171.152

■ 59, 50.970,
161.094

■ 63, 19.217,
172.290

■ 64, 12.764,
173.339

■ 65, 6.107, 174.335

■ 67, 0.665, 354.556

■ 68, 7.474, 355.954

■ 70, 14.260,

Harmonies

Complementary

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



60, 40.871, 166.979



39, 48.929, 6.221

Rectangle

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



60, 40.871, 166.979



60, 40.871, 216.979



60, 40.871, 346.979



60, 40.871, 36.979

Sweetspot

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



60, 40.871, 166.978



81, 17.450, 173.097



60, 65.661, 131.969



43, 11.866, 172.825



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 40.871, 166.978



76, 56.876, 164.217



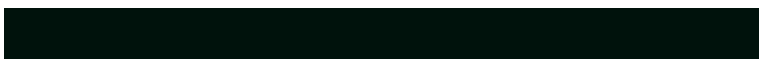
55, 27.338, 223.199



34, 3.845, 174.311



53, 46.870, 161.314



4, 6.239, 171.302

Inverse Universe

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



39, 48.929, 6.221



47, 69.048, 11.882



42, 47.578, 40.013



32, 3.943, 355.881



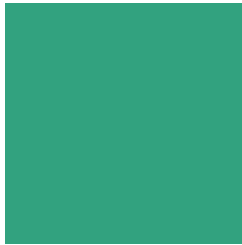
30, 57.028, 18.760



1, 5.937, 357.124

Previews

White Background



This preview shows how the CIE LCh color 60, 40.871, 166.979 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, 40.871, 166.979 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, 40.871, 166.979

Background



This preview shows how black text looks on a background with the CIELCh color 60, 40.871, 166.979.

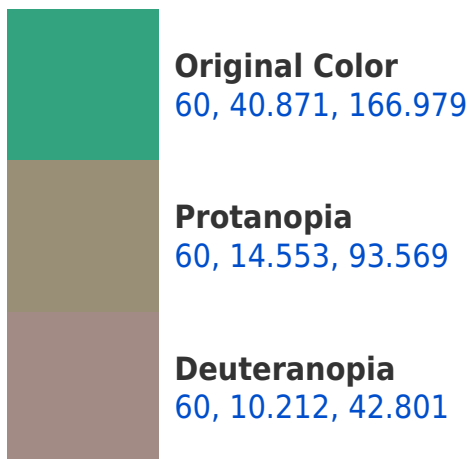


This preview shows how white text looks on a background with the CIELCh color 60, 40.871, 166.979.

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
60, 26.675, 212.134

Trichromacy



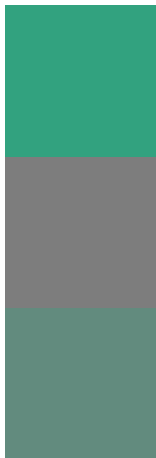
Original Color
60, 40.871, 166.979

Protanomaly
59, 21.482, 147.951

Deuteranomaly
59, 14.056, 154.910

Tritanomaly
60, 29.813, 191.306

Monochromacy



Original Color
60, 40.871, 166.979

Achromatopsia
52, 0.007, 296.813

Achromatomaly
55, 17.265, 171.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 40.871, 166.979 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(50, 162, 127)` looks like.

```
.text, #text, p{  
    color:rgb(50, 162, 127)  
}
```

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(50, 162, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 162, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 40.871, 166.979 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(50, 162, 127) }
```

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

```
.border{ border-color:rgb(50, 162, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 162, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 162, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 162, 127);  
box-shadow:4px 4px 4px 4px rgb(50, 162,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 40.871, 166.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 162, 127) }
```

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

```
.background{ background-color: rgb(50, 162,  
127) }
```

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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