

Converting Colors

CIELCh(60, 43.493, 166.437)

Have a look what the booklet for
CIELCh(60, 43.493, 166.437)
contains.

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Color

CIELCh(60, 43.590, 166.241)

Conversions

Conversions Part 1

Format	Color
Hex	27A37D
RGB	39, 163, 125
RGB Percent	15%, 64%, 49%
CMY	0.8468, 0.3606, 0.5096
CMYK	0.76, 0.00, 0.23, 0.36
HSL	162°, 61%, 40%
HSV	162°, 76%, 64%
XYZ	17.6479, 28.1233, 23.9131
YIQ	121.5920, -61.7060, -38.1060

Conversions

Conversions Part 2

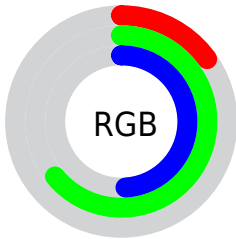
Format	Color
R_{YB}	39, 112, 163
Decimal	2597757
CIE _{Lab}	60.00, -42.34, 10.37
CIE _{LCh}	60, 43.590, 166.241
Yxy	28.1233, 0.2533, 0.4036
Android (android.graphics.Color)	4280787837 (0xFF27A37D)
YUV	121.5920, 1.6801, -72.4332
Hunter-Lab	53.0314, -33.4036, 10.3867

Details

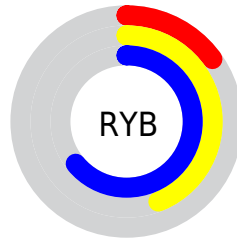
The CIELCh color `60, 43.590, 166.241` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `37, 52.986, 9.043`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 43.579, 166.325`, and `41, 37.778, 162.260` is the 20% darker color. If you saturate the color by 10%, you get `60, 46.991, 164.391`, and if you desaturate by 10%, it is `60, 39.502, 167.899`.

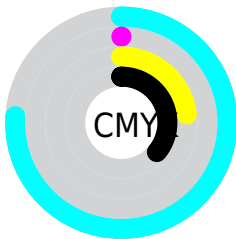
Distribution



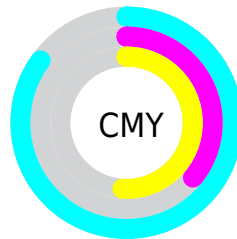
- Red (15%)
- Green (64%)
- Blue (49%)



- Red (15%)
- Yellow (44%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)





- Cyan (85%)
- Magenta (36%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 43.590, 166.241 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, 43.590, 166.241 by changing the saturation by 10% instead.


 60, 43.590,
166.241


 60, 43.590,
166.241


 100, 43.590,
166.241


 50, 43.590,
166.241


 80, 43.590,
166.241

 40, 43.590,
166.241

 90, 43.590,
166.241

 30, 43.590,
166.241

 20, 43.590,
166.241

 10, 43.590,
166.241

 0, 43.590, 166.241

 60, 43.590,

 60, 43.590,

166.241

166.241

■ 60, 46.991,
164.391

■ 60, 39.502,
167.899

■ 59, 49.756,
162.358

■ 61, 34.750,
169.384

■ 59, 50.785,
161.563

■ 62, 29.402,
170.720

■ 63, 23.554,
171.930

■ 64, 17.315,
173.037

■ 65, 10.794,
174.064

■ 66, 4.092, 175.067

■ 68, 2.704, 355.697

Harmonies

Complementary

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



60, 43.590, 166.241



37, 52.986, 9.043

Rectangle

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



60, 43.590, 166.241



60, 43.590, 216.241



60, 43.590, 346.241



60, 43.590, 36.241

Sweetspot

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



60, 43.590, 166.240



81, 18.984, 173.312



60, 70.967, 131.855



43, 13.180, 172.946



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, 43.590, 166.240



76, 59.356, 163.054



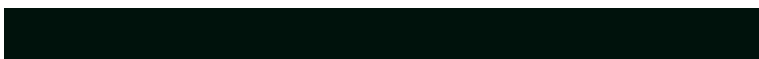
54, 28.775, 224.660



34, 3.831, 174.736



53, 46.513, 161.793



4, 6.214, 171.712

Inverse Universe

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



37, 52.986, 9.043



46, 72.753, 16.253



40, 53.651, 40.815



32, 3.931, 356.307



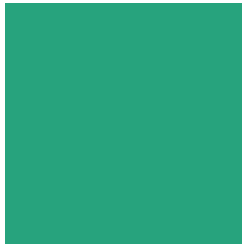
30, 57.173, 19.324



1, 5.920, 357.521

Previews

White Background



This preview shows how the CIELCh color 60, 43.590, 166.241 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, 43.590, 166.241 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, 43.590, 166.241

Background



This preview shows how black text looks on a background with the CIELCh color 60, 43.590, 166.241.

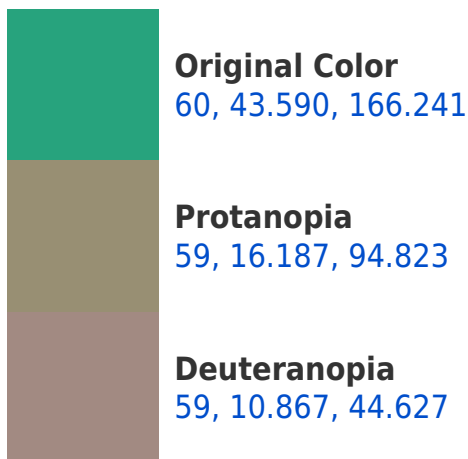



This preview shows how white text looks on a background with the CIELCh color 60, 43.590, 166.241.

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, 27.788, 212.680

Trichromacy



Original Color
60, 43.590, 166.241



Protanomaly
59, 23.354, 148.849



Deuteranomaly
58, 15.972, 155.550



Tritanomaly
60, 31.228, 191.432

Monochromacy



Original Color
60, 43.590, 166.241



Achromatopsia
51, 0.007, 296.813



Achromatomaly
54, 18.816, 172.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 43.590, 166.241 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(39, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(39, 163, 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(39, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 163, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 43.590, 166.241 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(39, 163, 125) }
```

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

```
.border{ border-color:rgb(39, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 163, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 163, 125);  
box-shadow:4px 4px 4px 4px rgb(39, 163,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 43.590, 166.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 163, 125) }
```

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

```
.background{ background-color: rgb(39, 163,  
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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