

Converting Colors

CIE LCh(60, 26.156, 216.613)

Have a look what the booklet for
CIELCh(60, 26.156, 216.613)
contains.

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Color

CIELCh(60, 26.213, 216.433)

Conversions

Conversions Part 1

Format	Color
Hex	479CAB
RGB	71, 156, 171
RGB Percent	28%, 61%, 67%
CMY	0.7209, 0.3876, 0.3288
CMYK	0.58, 0.09, 0.00, 0.33
HSL	189°, 41%, 48%
HSV	189°, 58%, 67%
XYZ	21.8930, 28.1233, 42.8834
YIQ	132.2950, -55.4750, -13.3550

Conversions

Conversions Part 2

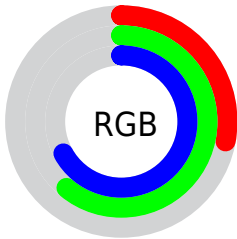
Format	Color
R_{YB}	71, 117, 171
Decimal	4693163
CIE _{Lab}	60.00, -21.09, -15.57
CIE _{LCh}	60, 26.213, 216.433
Yxy	28.1233, 0.2357, 0.3027
Android (android.graphics.Color)	4282883243 (0xFF479CAB)
YUV	132.2950, 19.0816, -53.7557
Hunter-Lab	53.0314, -19.1148, -10.8223

Details

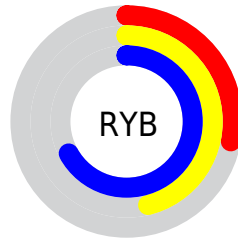
The CIELCh color **60, 26.213, 216.433** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 41.498, 36.478**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 26.330, 215.574**, and **40, 25.063, 218.564** is the 20% darker color. If you saturate the color by 10%, you get **59, 28.742, 217.710**, and if you desaturate by 10%, it is **61, 22.994, 215.482**.

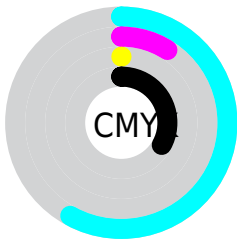
Distribution



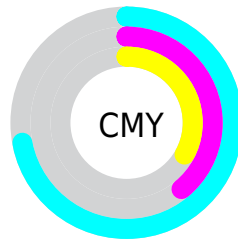
- Red (28%)
- Green (61%)
- Blue (67%)



- Red (28%)
- Yellow (46%)
- Blue (67%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)





- Cyan (72%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 26.213, 216.433 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, 26.213, 216.433 by changing the saturation by 10% instead.


 60, 26.213,
216.433


 60, 26.213,
216.433


 100, 26.213,
216.433


 50, 26.213,
216.433


 80, 26.213,
216.433

 40, 26.213,
216.433

 90, 26.213,
216.433

 30, 26.213,
216.433

 20, 26.213,
216.433

 10, 26.213,
216.433

 0, 26.213, 216.433

 60, 26.213,

 60, 26.213,

216.433

216.433

■ 59, 28.742,
217.710

■ 61, 22.994,
215.482

■ 58, 30.557,
219.381

■ 63, 19.146,
214.806

■ 57, 31.681,
221.505

■ 65, 14.747,
214.352

■ 56, 32.253,
224.072

■ 66, 9.885, 214.083

■ 55, 32.335,
224.488

■ 68, 4.644, 213.993

■ 70, 0.895, 33.301

■ 72, 6.663, 33.824

■ 75, 12.599, 33.971

■ 77, 18.655, 34.145

Harmonies

Complementary

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



60, 26.213, 216.433



47, 41.498, 36.478

Rectangle

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



60, 26.213, 216.433



60, 26.213, 266.433



60, 26.213, 36.433



60, 26.213, 86.433

Sweetspot

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



60, 26.212, 216.431



84, 11.937, 214.081



63, 58.899, 143.507



44, 8.287, 214.140



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 26.212, 216.431



74, 35.589, 218.139



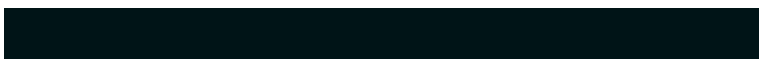
45, 39.333, 281.134



36, 3.151, 213.991



49, 29.417, 224.156



5, 6.581, 220.554

Inverse Universe

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



46, 58.208, 332.428



56, 81.679, 333.243



59, 39.840, 81.989



34, 5.942, 329.364



34, 69.459, 335.135



2, 11.970, 330.846

Previews

White Background



This preview shows how the CIELCh color 60, 26.213, 216.433 looks on a white background.

Color Contrast Check

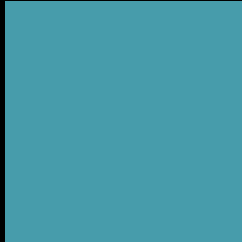
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.213, 216.433 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, 26.213, 216.433

Background



This preview shows how black text looks on a background with the CIELCh color 60, 26.213, 216.433.



This preview shows how white text looks on a background with the CIELCh color 60, 26.213, 216.433.

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, 26.213, 216.433

Protanopia

60, 10.757, 287.482

Deuteranopia

60, 19.260, 293.372



Tritanopia
60, 26.299, 213.705

Trichromacy



Original Color
60, 26.213, 216.433

Protanomaly
60, 14.388, 240.857

Deuteranomaly
60, 18.123, 256.762

Tritanomaly
60, 26.344, 214.993

Monochromacy



Original Color
60, 26.213, 216.433

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 11.494, 212.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 26.213, 216.433 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(71, 156, 171)` looks like.

```
.text, #text, p{  
    color:rgb(71, 156, 171)  
}
```

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(71, 156, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 156, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 26.213, 216.433 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(71, 156, 171) }
```

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

```
.border{ border-color:rgb(71, 156, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 156, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 156, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 156, 171);  
box-shadow:4px 4px 4px 4px rgb(71, 156,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 26.213, 216.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 156, 171) }
```

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

```
.background{ background-color: rgb(71, 156,  
171) }
```

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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