

Converting Colors

CIELCh(60, 17.991, 240.801)

Have a look what the booklet for
CIELCh(60, 17.991, 240.801)
contains.

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Color

CIELCh(60, 18.048, 242.356)

Conversions

Conversions Part 1

Format	Color
Hex	6D96AC
RGB	109, 150, 172
RGB Percent	43%, 59%, 67%
CMY	0.5718, 0.4110, 0.3247
CMYK	0.37, 0.13, 0.00, 0.32
HSL	201°, 28%, 55%
HSV	201°, 37%, 68%
XYZ	24.7325, 28.1233, 43.2533
YIQ	140.2490, -31.4980, -1.8500

Conversions

Conversions Part 2

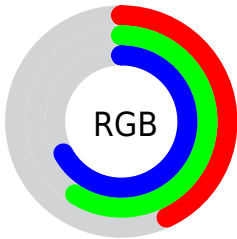
Format	Color
RYB	109, 134, 172
Decimal	7181996
CIELab	60.00, -8.37, -15.99
CIELCh	60, 18.048, 242.356
Yxy	28.1233, 0.2573, 0.2926
Android (android.graphics.Color)	4285372076 (0xFF6D96AC)
YUV	140.2490, 15.6532, -27.4054
Hunter-Lab	53.0314, -9.5573, -11.2359

Details

The CIELCh color `60, 18.048, 242.356` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `58, 22.005, 54.794`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 17.829, 242.395`, and `40, 18.117, 243.661` is the 20% darker color. If you saturate the color by 10%, you get `57, 22.330, 244.390`, and if you desaturate by 10%, it is `63, 13.443, 240.710`.

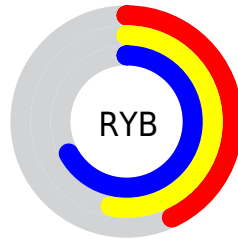
Distribution



Red (43%)

Green (59%)

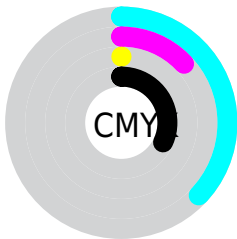
Blue (67%)



Red (43%)

Yellow (53%)

Blue (67%)

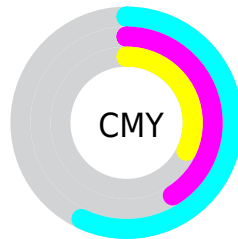


Cyan (37%)

Magenta (13%)

Yellow (0%)

Black (32%)



Cyan (57%)


Magenta (41%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 18.048, 242.356 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, 18.048, 242.356 by changing the saturation by 10% instead.


 60, 18.048,
242.356


 60, 18.048,
242.356


 100, 18.048,
242.356


 50, 18.048,
242.356


 80, 18.048,
242.356

 40, 18.048,
242.356


 90, 18.048,
242.356


 30, 18.048,
242.356

 20, 18.048,
242.356

 10, 18.048,
242.356

 0, 18.048, 242.356

 60, 18.048,

 60, 18.048,

242.356

242.356

■ 57, 22.330,
244.390

■ 63, 13.443,
240.710

■ 55, 26.252,
246.901

■ 66, 8.565, 239.394

■ 52, 29.798,
249.966

■ 68, 3.463, 238.388

■ 71, 1.813, 57.152

■ 50, 32.988,
253.648

■ 74, 7.223, 56.614

■ 48, 35.893,
257.962

■ 77, 12.730, 56.053

■ 81, 18.304, 55.579

■ 46, 38.645,
262.805

■ 84, 23.920, 55.183

■ 45, 39.615,
264.428

■ 86, 26.531, 59.281

Harmonies

Complementary

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



60, 18.048, 242.356



58, 22.005, 54.794

Rectangle

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



60, 18.048, 242.356



60, 18.048, 292.356



60, 18.048, 62.356



60, 18.048, 112.356

Sweetspot

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



60, 18.047, 242.353



85, 7.115, 238.807



65, 33.236, 152.538



45, 4.764, 238.941



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, 18.047, 242.353



74, 26.302, 243.990



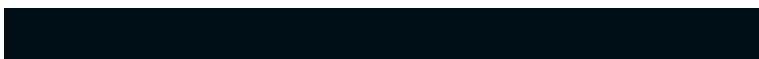
51, 30.633, 287.575



35, 2.979, 238.624



39, 35.621, 263.813



4, 6.603, 249.091

Inverse Universe

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



54, 33.383, 339.200



65, 49.414, 339.974



66, 29.016, 98.224



34, 5.156, 336.967



33, 60.656, 348.233



2, 10.102, 340.732

Previews

White Background



This preview shows how the CIE LCh color 60, 18.048, 242.356 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, 18.048, 242.356 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

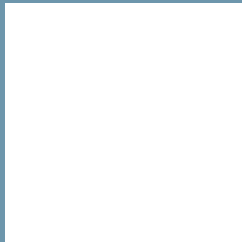
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 18.048, 242.356

Background



This preview shows how black text looks on a background with the CIELCh color 60, 18.048, 242.356.



This preview shows how white text looks on a background with the CIELCh color 60, 18.048, 242.356.

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, 18.048, 242.356

Protanopia
60, 13.591, 287.137

Deuteranopia
60, 18.710, 294.430



Tritanopia
60, 16.485, 222.626

Trichromacy



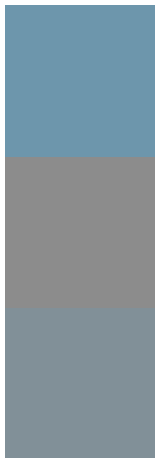
Original Color
60, 18.048, 242.356

Protanomaly
60, 14.123, 266.595

Deuteranomaly
60, 16.875, 276.458

Tritanomaly
60, 16.774, 231.154

Monochromacy



Original Color
60, 18.048, 242.356

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 7.076, 239.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 18.048, 242.356 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(109, 150, 172)` looks like.

```
.text, #text, p{  
    color:rgb(109, 150, 172)  
}
```

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(109, 150, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 150, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 18.048, 242.356 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(109, 150, 172) }
```

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

```
.border{ border-color:rgb(109, 150, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 150, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 150, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 150, 172);  
box-shadow:4px 4px 4px 4px rgb(109, 150,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 18.048, 242.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 150, 172) }
```

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

```
.background{ background-color: rgb(109,  
150, 172) }
```

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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