

Converting Colors

CIELCh(60, 12.261, 237.522)

Have a look what the booklet for
CIELCh(60, 12.261, 237.522)
contains.

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Color

CIELCh(60, 12.119, 236.182)

Conversions

Conversions Part 1

Format	Color
Hex	7995A2
RGB	121, 149, 162
RGB Percent	47%, 58%, 64%
CMY	0.5259, 0.4161, 0.3651
CMYK	0.25, 0.08, 0.00, 0.37
HSL	199°, 18%, 55%
HSV	199°, 25%, 63%
XYZ	25.1130, 28.1233, 38.2366
YIQ	142.1100, -20.8610, -1.8930

Conversions

Conversions Part 2

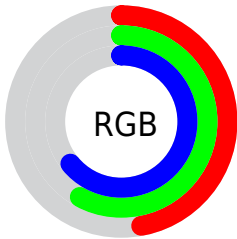
Format	Color
R_{YB}	121, 138, 162
Decimal	7968162
CIE _{Lab}	60.00, -6.74, -10.07
CIE _{LCh}	60, 12.119, 236.182
Yxy	28.1233, 0.2745, 0.3074
Android (android.graphics.Color)	4286158242 (0xFF7995A2)
YUV	142.1100, 9.8058, -18.5135
Hunter-Lab	53.0314, -8.2764, -5.6271

Details

The CIELCh color `60, 12.119, 236.182` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `58, 13.953, 51.943`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 12.200, 236.703`, and `40, 12.046, 236.119` is the 20% darker color. If you saturate the color by 10%, you get `58, 16.447, 237.607`, and if you desaturate by 10%, it is `63, 7.505, 235.049`.

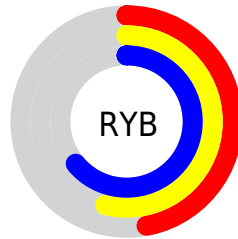
Distribution



Red (47%)

Green (58%)

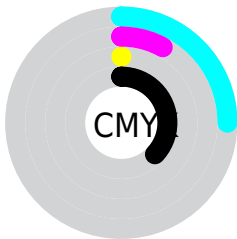
Blue (64%)



Red (47%)

Yellow (54%)

Blue (64%)

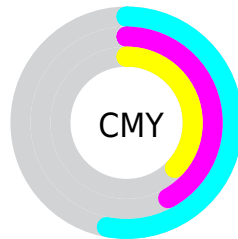


Cyan (25%)

Magenta (8%)

Yellow (0%)

Black (37%)



Cyan (53%)


Magenta (42%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 12.119, 236.182 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, 12.119, 236.182 by changing the saturation by 10% instead.


 60, 12.119,
236.182


 60, 12.119,
236.182


 100, 12.119,
236.182


 50, 12.119,
236.182


 80, 12.119,
236.182


 40, 12.119,
236.182


 90, 12.119,
236.182


 30, 12.119,
236.182

 20, 12.119,
236.182

 10, 12.119,
236.182

 0, 12.119, 236.182

 60, 12.119,

 60, 12.119,

236.182

236.182

■ 58, 16.447,
237.607

■ 63, 7.505, 235.049

■ 55, 20.437,
239.405

■ 65, 2.660, 234.236

■ 68, 2.368, 53.165

■ 53, 24.043,
241.647

■ 71, 7.534, 52.702

■ 51, 27.236,
244.420

■ 73, 12.803, 52.256

■ 76, 18.143, 51.887

■ 49, 30.020,
247.801

■ 79, 23.530, 51.587

■ 47, 32.446,
251.834

■ 82, 28.943, 51.342

■ 83, 30.280, 55.523

■ 45, 34.624,
256.481

■ 44, 35.659,
258.663

Harmonies

Complementary

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



60, 12.119, 236.182



58, 13.953, 51.943

Rectangle

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



60, 12.119, 236.182



60, 12.119, 286.182



60, 12.119, 56.182



60, 12.119, 106.182

Sweetspot

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



60, 12.119, 236.176



82, 4.945, 234.420



63, 22.266, 153.012



43, 3.532, 234.533



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, 12.119, 236.176



75, 17.612, 236.886



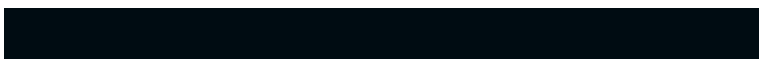
54, 19.400, 284.713



33, 2.824, 234.506



40, 32.795, 258.153



3, 4.502, 240.788

Inverse Universe

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



56, 22.501, 336.780



69, 33.156, 337.198



64, 18.802, 98.544



32, 5.018, 335.577



32, 60.302, 345.709



1, 7.436, 337.456

Previews

White Background



This preview shows how the CIE LCh color 60, 12.119, 236.182 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, 12.119, 236.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

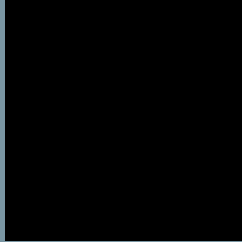
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

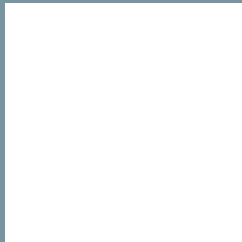
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 12.119, 236.182

Background



This preview shows how black text looks on a background with the CIELCh color 60, 12.119, 236.182.

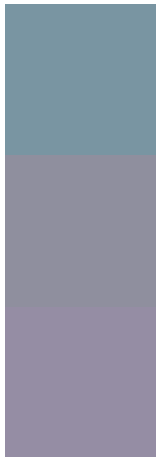


This preview shows how white text looks on a background with the CIELCh color 60, 12.119, 236.182.

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, 12.119, 236.182

Protanopia
60, 8.485, 291.139

Deuteranopia
60, 13.394, 304.358



Tritanopia
60, 11.830, 233.814

Trichromacy



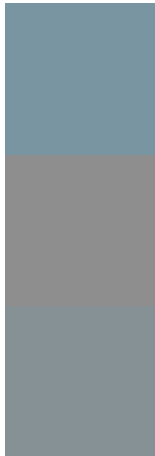
Original Color
60, 12.119, 236.182

Protanomaly
60, 8.637, 265.966

Deuteranomaly
60, 10.851, 281.718

Tritanomaly
60, 11.830, 233.814

Monochromacy



Original Color
60, 12.119, 236.182

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.679, 228.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 12.119, 236.182 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(121, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(121, 149, 162)  
}
```

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(121, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 149, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 12.119, 236.182 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(121, 149, 162) }
```

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

```
.border{ border-color:rgb(121, 149, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 149, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 149, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 149, 162); box-shadow:4px 4px 4px 4px rgb(121, 149, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 12.119, 236.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 149, 162) }
```

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

```
.background{ background-color: rgb(121,  
149, 162) }
```

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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