

Converting Colors

CIELCh(60, 12.714, 168.976)

Have a look what the booklet for
CIElCh(60, 12.714, 168.976)
contains.

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Color

CIELCh(60, 12.714, 168.976)

Conversions

Conversions Part 1

Format	Color
Hex	7A978C
RGB	122, 151, 140
RGB Percent	48%, 59%, 55%
CMY	0.5219, 0.4082, 0.4514
CMYK	0.19, 0.00, 0.07, 0.41
HSL	157°, 12%, 53%
HSV	157°, 19%, 59%
XYZ	23.7904, 28.1233, 28.9485
YIQ	141.0750, -13.7530, -9.5690

Conversions

Conversions Part 2

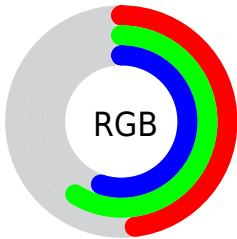
Format	Color
R_{YB}	122, 140, 151
Decimal	8034188
CIE _{Lab}	60.00, -12.48, 2.43
CIE _{LCh}	60, 12.714, 168.976
Yxy	28.1233, 0.2942, 0.3478
Android (android.graphics.Color)	4286224268 (0xFF7A978C)
YUV	141.0750, -0.5300, -16.7288
Hunter-Lab	53.0314, -12.7282, 4.7571

Details

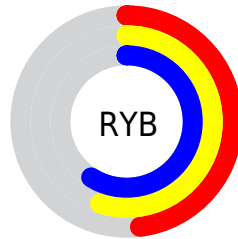
The CIELCh color $60, 12.714, 168.976$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 13.233, 352.504$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 12.356, 170.195$, and $40, 12.587, 168.851$ is the 20% darker color. If you saturate the color by 10%, you get $59, 19.144, 167.928$, and if you desaturate by 10%, it is $61, 6.129, 169.952$.

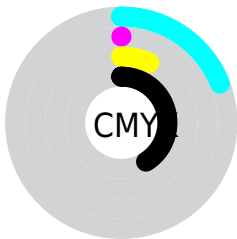
Distribution



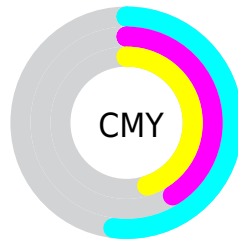
- Red (48%)
- Green (59%)
- Blue (55%)



- Red (48%)
- Yellow (55%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)





- Cyan (52%)
- Magenta (41%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 12.714, 168.976 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, 12.714, 168.976 by changing the saturation by 10% instead.


 60, 12.714,
168.976


 60, 12.714,
168.976


 100, 12.714,
168.976


 50, 12.714,
168.976


 80, 12.714,
168.976

 40, 12.714,
168.976

 90, 12.714,
168.976


 30, 12.714,
168.976

 20, 12.714,
168.976

 10, 12.714,
168.976

 0, 12.714, 168.976

 60, 12.714,

 60, 12.714,

168.976

168.976

■ 59, 19.144,
167.928

■ 61, 6.129, 169.952

■ 58, 25.319,
166.783

■ 63, 0.528, 350.075

■ 64, 7.186, 351.530

■ 57, 31.132,
165.513

■ 66, 13.790,
352.316

■ 56, 36.481,
164.097

■ 67, 20.299,
353.042

■ 56, 41.273,
162.510

■ 69, 26.684,
353.725

■ 56, 45.447,
160.731

■ 71, 32.926,
354.372

■ 55, 48.987,
158.752

■ 73, 39.013,
354.988

■ 55, 52.035,
156.656

■ 74, 44.068,

■ 55, 52.271,
156.499

354.803

Harmonies

Complementary

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



60, 12.714, 168.976



54, 13.233, 352.504

Rectangle

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



60, 12.714, 168.976



60, 12.714, 218.976



60, 12.714, 348.976



60, 12.714, 38.976

Sweetspot

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



60, 12.715, 168.973



78, 4.948, 170.260



60, 17.800, 132.220



41, 3.308, 170.200



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 12.715, 168.973



76, 18.795, 168.540



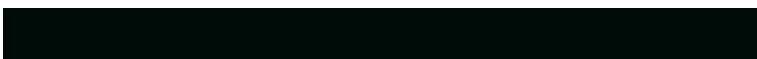
59, 9.525, 210.250



32, 3.801, 169.950



51, 49.409, 156.660



3, 4.156, 170.058

Inverse Universe

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



54, 13.233, 352.504



67, 19.739, 352.978



55, 10.812, 30.740



30, 3.877, 351.472



29, 54.427, 12.354



1, 4.113, 351.102

Previews

White Background



This preview shows how the CIELCh color 60, 12.714, 168.976 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, 12.714, 168.976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

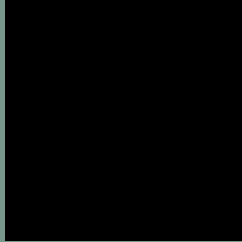
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 12.714, 168.976

Background



This preview shows how black text looks on a background with the CIELCh color 60, 12.714, 168.976.



This preview shows how white text looks on a background with the CIELCh color 60, 12.714, 168.976.

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, 12.714, 168.976

Protanopia
60, 4.910, 85.689

Deuteranopia
60, 7.630, 11.672



Tritanopia
60, 10.251, 240.442

Trichromacy



Original Color
60, 12.714, 168.976

Protanomaly
60, 6.473, 138.538

Deuteranomaly
60, 1.851, 84.879

Tritanomaly
60, 9.018, 213.238

Monochromacy



Original Color
60, 12.714, 168.976

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.836, 171.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 12.714, 168.976 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(122, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(122, 151, 140)  
}
```

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(122, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 151, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 12.714, 168.976 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(122, 151, 140) }
```

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

```
.border{ border-color:rgb(122, 151, 140) }
```

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

Here you see how a box with a 4 pixel rgb(122, 151, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(122, 151,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 12.714, 168.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 151, 140) }
```

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

```
.background{ background-color: rgb(122,  
151, 140) }
```

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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