

Converting Colors

CIELCh(60, 13.363, 164.863)

Have a look what the booklet for
CIELCh(60, 13.363, 164.863)
contains.

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Color

CIELCh(60, 13.363, 164.863)

Conversions

Conversions Part 1

Format	Color
Hex	7A978A
RGB	122, 151, 138
RGB Percent	48%, 59%, 54%
CMY	0.5214, 0.4077, 0.4587
CMYK	0.19, 0.00, 0.09, 0.41
HSL	153°, 12%, 54%
HSV	153°, 19%, 59%
XYZ	23.6954, 28.1233, 28.2397
YIQ	140.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

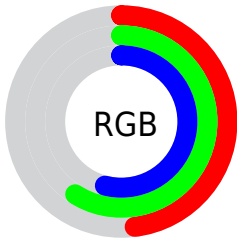
Format	Color
R_{YB}	122, 141, 151
Decimal	8034186
CIE _{Lab}	60.00, -12.90, 3.49
CIE _{LCh}	60, 13.363, 164.863
Yxy	28.1233, 0.2960, 0.3513
Android (android.graphics.Color)	4286224266 (0xFF7A978A)
YUV	140.8470, -1.4036, -16.5288
Hunter-Lab	53.0314, -13.0480, 5.5495

Details

The CIELCh color $60, 13.363, 164.863$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 13.769, 348.236$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 13.258, 164.236$, and $40, 13.303, 164.406$ is the 20% darker color. If you saturate the color by 10%, you get $59, 20.185, 163.835$, and if you desaturate by 10%, it is $61, 6.420, 165.809$.

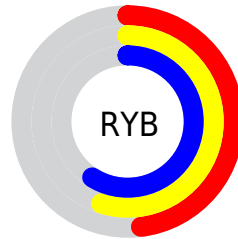
Distribution



Red (48%)

Green (59%)

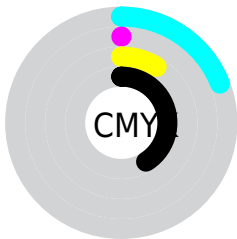
Blue (54%)



Red (48%)

Yellow (55%)

Blue (59%)

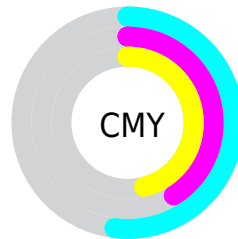


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (41%)



Cyan (52%)


Magenta (41%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 13.363, 164.863 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, 13.363, 164.863 by changing the saturation by 10% instead.


 60, 13.363,
164.863


 60, 13.363,
164.863


 100, 13.363,
164.863


 50, 13.363,
164.863


 80, 13.363,
164.863

 40, 13.363,
164.863

 90, 13.363,
164.863


 30, 13.363,
164.863

 20, 13.363,
164.863

 10, 13.363,
164.863

 0, 13.363, 164.863

 60, 13.363,

 60, 13.363,

164.863

164.863

■ 59, 20.185,
163.835

■ 61, 6.420, 165.809

■ 58, 26.782,
162.699

■ 63, 0.562, 345.982

■ 57, 33.045,
161.429

■ 64, 7.511, 347.324

■ 56, 38.861,
160.001

■ 66, 14.374,
348.062

■ 56, 44.132,
158.392

■ 67, 21.113,
348.738

■ 55, 48.787,
156.584

■ 69, 27.700,
349.369

■ 55, 52.799,
154.573

■ 71, 34.119,
349.962

■ 55, 56.299,
152.452

■ 73, 40.362,
350.523

■ 75, 45.540,

■ 55, 56.574,
152.292

350.146

Harmonies

Complementary

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



60, 13.363, 164.863



54, 13.769, 348.236

Rectangle

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



60, 13.363, 164.863



60, 13.363, 214.863



60, 13.363, 344.863



60, 13.363, 34.863

Sweetspot

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



60, 13.364, 164.861



78, 5.182, 166.103



61, 17.488, 129.972



41, 3.465, 166.046



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, 13.364, 164.861



76, 19.777, 164.436



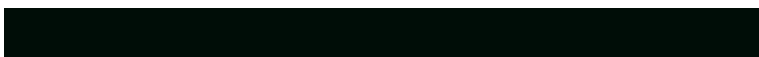
60, 10.107, 203.190



32, 3.984, 165.806



51, 53.423, 152.456



3, 4.345, 166.009

Inverse Universe

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



54, 13.769, 348.236



67, 20.510, 348.678



54, 11.455, 24.749



30, 4.045, 347.268



29, 54.114, 5.801



1, 4.297, 346.966

Previews

White Background



This preview shows how the CIELCh color 60, 13.363, 164.863 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, 13.363, 164.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

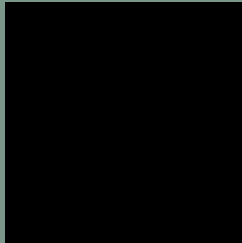
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 13.363, 164.863

Background



This preview shows how black text looks on a background with the CIELCh color 60, 13.363, 164.863.



This preview shows how white text looks on a background with the CIELCh color 60, 13.363, 164.863.

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, 13.363, 164.863

Protanopia
60, 5.961, 89.877

Deuteranopia
60, 8.408, 16.388



Tritanopia
60, 10.251, 240.442

Trichromacy



Original Color
60, 13.363, 164.863

Protanomaly
60, 7.480, 134.354

Deuteranomaly
60, 2.533, 82.057

Tritanomaly
60, 8.936, 209.632

Monochromacy



Original Color
60, 13.363, 164.863

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 5.141, 165.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 13.363, 164.863 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 151, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 151, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 13.363, 164.863 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, 138) }
```

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

```
.border{ border-color:rgb(122, 151, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 151, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 151, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 151,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 13.363, 164.863 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, 138) }
```

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

```
.background{ background-color: rgb(122,  
151, 138) }
```

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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