

Converting Colors

CIELCh(59, 13.112, 155.486)

Have a look what the booklet for
CIELCh(59, 13.112, 155.486)
contains.

CIELCh(59, 13.357, 155.566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 13.357, 155.566)

Conversions

Conversions Part 1

Format	Color
Hex	7B9484
RGB	123, 148, 132
RGB Percent	48%, 58%, 52%
CMY	0.5179, 0.4199, 0.4826
CMYK	0.17, 0.00, 0.11, 0.42
HSL	142°, 10%, 53%
HSV	142°, 17%, 58%
XYZ	22.8977, 27.0277, 25.8153
YIQ	138.7010, -9.7640, -10.2760

Conversions

Conversions Part 2

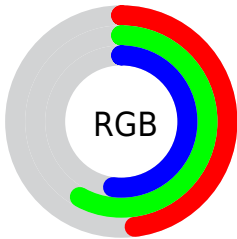
Format	Color
R_{YB}	123, 141, 148
Decimal	8098948
CIE _{Lab}	59.00, -12.16, 5.53
CIE _{LCh}	59, 13.357, 155.566
Yxy	27.0277, 0.3023, 0.3568
Android (android.graphics.Color)	4286289028 (0xFF7B9484)
YUV	138.7010, -3.3036, -13.7698
Hunter-Lab	51.9882, -12.3608, 6.9507

Details

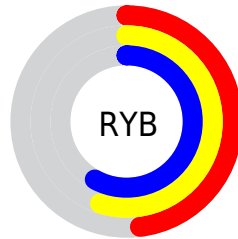
The CIELCh color $59, 13.357, 155.566$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 13.494, 338.019$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 13.241, 155.281$, and $39, 12.942, 156.428$ is the 20% darker color. If you saturate the color by 10%, you get $58, 21.250, 154.667$, and if you desaturate by 10%, it is $60, 5.434, 156.380$.

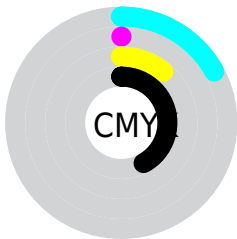
Distribution



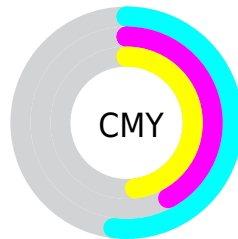
- Red (48%)
- Green (58%)
- Blue (52%)



- Red (48%)
- Yellow (55%)
- Blue (58%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)





- Cyan (52%)
- Magenta (42%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 13.357, 155.566 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 59, 13.357, 155.566 by changing the saturation by 10% instead.


 59, 13.357,
155.566

 59, 13.357,
155.566

 100, 13.357,
155.566

 49, 13.357,
155.566

 79, 13.357,
155.566

 39, 13.357,
155.566

 89, 13.357,
155.566

 29, 13.357,
155.566

 99, 13.357,
155.566

 19, 13.357,
155.566

 9, 13.357, 155.566

 0, 13.357, 155.566

■ 59, 13.357,
155.566

■ 59, 13.357,
155.566

■ 58, 21.250,
154.667

■ 60, 5.434, 156.380

■ 57, 29.001,
153.650

■ 62, 2.436, 336.907

■ 56, 36.489,
152.489

■ 63, 10.189,
337.618

■ 55, 43.576,
151.163

■ 65, 17.776,
338.190

■ 55, 50.128,
149.656

■ 67, 25.166,
338.703

■ 54, 56.028,
147.961

■ 69, 32.341,
339.169

■ 54, 61.194,
146.088

■ 71, 39.292,
339.596

■ 53, 65.627,

■ 73, 46.018,
339.990

144.108

74, 52.271,
340.015

53, 66.920,
143.541

Harmonies

Complementary

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



59, 13.357, 155.566



54, 13.494, 338.019

Rectangle

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



59, 13.357, 155.566



59, 13.357, 205.566



59, 13.357, 335.566



59, 13.357, 25.566

Sweetspot

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



59, 13.358, 155.565



77, 4.850, 156.530



60, 14.474, 122.794



40, 3.337, 156.476



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 13.358, 155.565



74, 19.497, 155.262



59, 9.651, 185.780



31, 4.454, 156.195



50, 63.303, 143.691



2, 3.889, 156.822

Inverse Universe

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



54, 13.494, 338.019



67, 19.729, 338.296



54, 10.411, 8.670



29, 4.484, 337.427



30, 56.618, 348.856



1, 3.890, 336.814

Previews

White Background



This preview shows how the CIELCh color 59, 13.357, 155.566 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 59, 13.357, 155.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

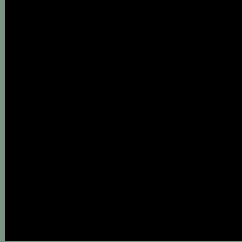
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 13.357, 155.566

Background



This preview shows how black text looks on a background with the CIELCh color 59, 13.357, 155.566.



This preview shows how white text looks on a background with the CIELCh color 59, 13.357, 155.566.

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
59, 13.357, 155.566

Protanopia
59, 7.725, 90.925

Deuteranopia
59, 8.673, 31.404



Tritanopia
59, 9.065, 247.871

Trichromacy



Original Color
59, 13.357, 155.566

Protanomaly
59, 8.812, 125.012

Deuteranomaly
59, 4.782, 90.092

Tritanomaly
59, 7.160, 207.947

Monochromacy



Original Color
59, 13.357, 155.566

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 4.922, 155.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 13.357, 155.566 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(123, 148, 132)` looks like.

```
.text, #text, p{  
    color:rgb(123, 148, 132)  
}
```

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(123, 148, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 148, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 13.357, 155.566 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(123, 148, 132) }
```

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

```
.border{ border-color:rgb(123, 148, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 148, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 148, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 148, 132);  
box-shadow:4px 4px 4px 4px rgb(123, 148,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 13.357, 155.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 148, 132) }
```

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

```
.background{ background-color: rgb(123,  
148, 132) }
```

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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