

Converting Colors

CIELCh(60, 5.510, 14.690)

Have a look what the booklet for
CIELCh(60, 5.510, 14.690) contains.

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Color

CIELCh(60, 5.568, 14.098)

Conversions

Conversions Part 1

Format	Color
Hex	9B8D8E
RGB	155, 141, 142
RGB Percent	61%, 55%, 56%
CMY	0.3907, 0.4456, 0.4417
CMYK	0.00, 0.09, 0.08, 0.39
HSL	356°, 7%, 58%
HSV	356°, 9%, 61%
XYZ	28.0743, 28.1233, 29.6805
YIQ	145.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

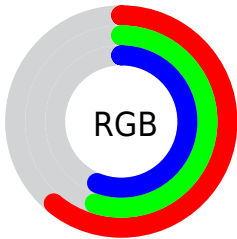
Format	Color
RYB	155, 141, 142
Decimal	10194318
CIELab	60.00, 5.40, 1.36
CIELCh	60, 5.568, 14.098
Yxy	28.1233, 0.3269, 0.3275
Android (android.graphics.Color)	4288384398 (0xFF9B8D8E)
YUV	145.3000, -1.6269, 8.5069
Hunter-Lab	53.0314, 1.6909, 3.9387

Details

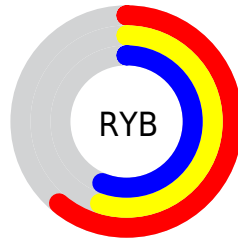
The CIELCh color `60, 5.568, 14.098` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `63, 5.305, 192.954`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 5.229, 13.894`, and `40, 5.615, 13.935` is the 20% darker color. If you saturate the color by 10%, you get `56, 12.146, 15.080`, and if you desaturate by 10%, it is `65, 0.587, 194.203`.

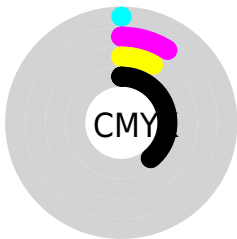
Distribution



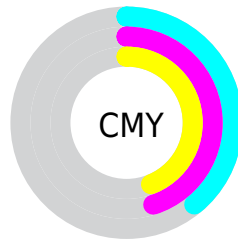
- Red (61%)
- Green (55%)
- Blue (56%)



- Red (61%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 5.568, 14.098 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, 5.568, 14.098 by changing the saturation by 10% instead.

 60, 5.568, 14.098

 60, 5.568, 14.098

 100, 5.568, 14.098

 50, 5.568, 14.098

 80, 5.568, 14.098

 40, 5.568, 14.098

 90, 5.568, 14.098

 30, 5.568, 14.098

 20, 5.568, 14.098

 10, 5.568, 14.098

 0, 5.568, 14.098

 60, 5.568, 14.098

 60, 5.568, 14.098

 56, 12.146, 15.080

 65, 0.587, 194.203

 51, 19.143, 16.237

 69, 6.330, 192.879

47, 26.510, 17.681

74, 11.695,
192.316

43, 34.141, 19.509

79, 16.716,
191.851

40, 41.861, 21.837

37, 49.439, 24.778

83, 21.430,
191.453

34, 56.620, 28.382

88, 25.872,
191.106

33, 63.125, 32.500

32, 68.651, 36.363

93, 30.074,
190.801

94, 30.567,
197.536

Harmonies

Complementary

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



60, 5.568, 14.098



63, 5.305, 192.954

Rectangle

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



60, 5.568, 14.098



60, 5.568, 64.098



60, 5.568, 194.098



60, 5.568, 244.098

Sweetspot

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



60, 5.567, 14.113



79, 2.244, 13.483



60, 9.349, 322.595



42, 1.719, 13.590



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 5.567, 14.113



75, 8.458, 14.316



62, 4.586, 64.887



30, 3.449, 14.131



28, 63.783, 36.152



1, 3.619, 13.597

Inverse Universe

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



60, 5.567, 14.113



75, 8.458, 14.316



61, 4.442, 246.990



30, 3.449, 14.131



28, 63.783, 36.152



1, 3.619, 13.597

Previews

White Background



This preview shows how the CIELCh color 60, 5.568, 14.098 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 CIE LCh color 60, 5.568, 14.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

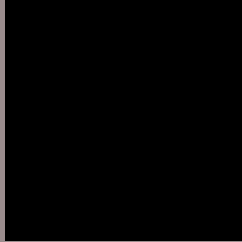
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 5.568, 14.098

Background



This preview shows how black text looks on a background with the CIELCh color 60, 5.568, 14.098.



This preview shows how white text looks on a background with the CIELCh color 60, 5.568, 14.098.

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, 5.568, 14.098

Protanopia
60, 1.170, 19.150

Deuteranopia
60, 7.717, 7.539



Tritanopia
60, 9.082, 337.241

Trichromacy



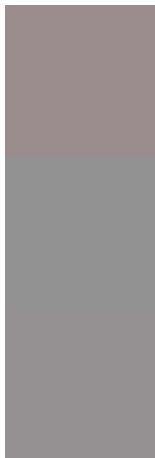
Original Color
60, 5.568, 14.098

Protanomaly
60, 2.746, 19.519

Deuteranomaly
60, 7.325, 6.801

Tritanomaly
60, 7.725, 344.448

Monochromacy



Original Color
60, 5.568, 14.098

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 2.036, 3.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 5.568, 14.098 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(155, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(155, 141, 142)  
}
```

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(155, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 141, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 5.568, 14.098 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(155, 141, 142) }
```

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

```
.border{ border-color:rgb(155, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(155, 141,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 5.568, 14.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 141, 142) }
```

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

```
.background{ background-color: rgb(155,  
141, 142) }
```

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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