

Converting Colors

CIELCh(60, 5.655, 43.191)

Have a look what the booklet for
CIELCh(60, 5.655, 43.191) contains.

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Color

CIELCh(60, 5.655, 43.191)

Conversions

Conversions Part 1

Format	Color
Hex	9B8E8A
RGB	155, 142, 138
RGB Percent	61%, 56%, 54%
CMY	0.3924, 0.4434, 0.4591
CMYK	0.00, 0.08, 0.11, 0.39
HSL	14°, 8%, 57%
HSV	14°, 11%, 61%
XYZ	27.7524, 28.1233, 27.9874
YIQ	145.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

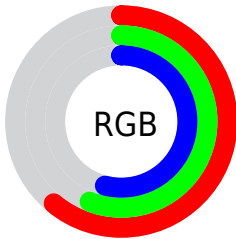
Format	Color
R_{YB}	155, 143, 138
Decimal	10194570
CIE Lab	60.00, 4.12, 3.87
CIE LCh	60, 5.655, 43.191
Yxy	28.1233, 0.3309, 0.3353
Android (android.graphics.Color)	4288384650 (0xFF9B8E8A)
YUV	145.4310, -3.6635, 8.3920
Hunter-Lab	53.0314, 0.6076, 5.8316

Details

The CIELCh color $60, 5.655, 43.191$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 5.300, 224.244$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 5.872, 46.488$, and $40, 5.770, 44.774$ is the 20% darker color. If you saturate the color by 10%, you get $56, 11.247, 42.989$, and if you desaturate by 10%, it is $64, 0.479, 42.710$.

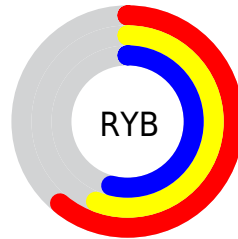
Distribution



Red (61%)

Green (56%)

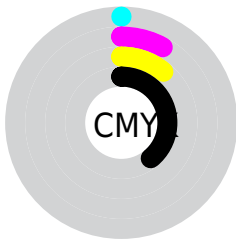
Blue (54%)



Red (61%)

Yellow (56%)

Blue (54%)

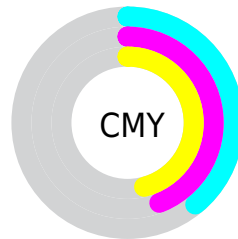


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (39%)



Cyan (39%)

Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 5.655, 43.191 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, 5.655, 43.191 by changing the saturation by 10% instead.

 60, 5.655, 43.191  60, 5.655, 43.191

 100, 5.655, 43.191  50, 5.655, 43.191

 80, 5.655, 43.191  40, 5.655, 43.191

 90, 5.655, 43.191  30, 5.655, 43.191

 20, 5.655, 43.191

 10, 5.655, 43.191

 0, 5.655, 43.191

 60, 5.655, 43.191  60, 5.655, 43.191

 56, 11.247, 42.989  64, 0.479, 42.710

 53, 17.292, 42.850  67, 4.320, 224.133

50, 23.816, 42.841

71, 8.785, 224.525

46, 30.821, 42.993

75, 12.954,
224.980

43, 38.270, 43.327

78, 16.863,
225.459

41, 46.044, 43.828

38, 53.867, 44.396

82, 20.544,
225.950

36, 61.120, 44.736

86, 24.026,
226.445

35, 66.951, 45.039

89, 26.336,
219.323

92, 28.727,
204.381

Harmonies

Complementary

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



60, 5.655, 43.191



62, 5.300, 224.244

Rectangle

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



60, 5.655, 43.191



60, 5.655, 93.191



60, 5.655, 223.191



60, 5.655, 273.191

Sweetspot

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



60, 5.654, 43.210



80, 1.856, 43.265



59, 9.912, 332.382



42, 1.422, 43.296



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, 5.654, 43.210



75, 8.374, 43.157



62, 7.179, 94.794



31, 2.863, 43.250



31, 61.788, 45.045



1, 3.002, 43.185

Inverse Universe

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



62, 5.300, 224.244



78, 7.734, 224.358



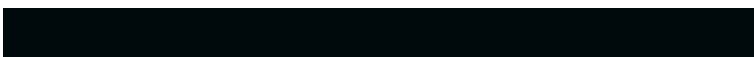
59, 7.226, 277.476



31, 2.714, 224.168



42, 28.753, 242.107



2, 2.983, 225.222

Previews

White Background



This preview shows how the CIELCh color 60, 5.655, 43.191 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, 5.655, 43.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

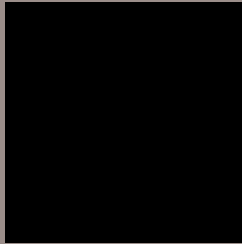
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

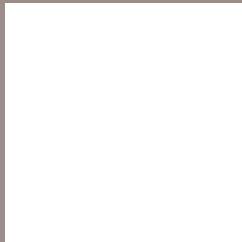
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 5.655, 43.191

Background



This preview shows how black text looks on a background with the CIELCh color 60, 5.655, 43.191.



This preview shows how white text looks on a background with the CIELCh color 60, 5.655, 43.191.

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, 5.655, 43.191

Protanopia

60, 3.213, 80.365

Deuteranopia

60, 8.519, 27.739



Tritanopia
60, 9.082, 337.241

Trichromacy



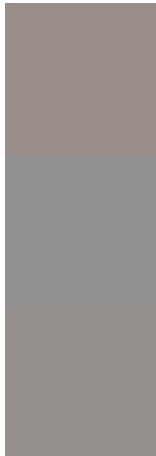
Original Color
60, 5.655, 43.191

Protanomaly
60, 3.879, 54.985

Deuteranomaly
60, 7.417, 33.137

Tritanomaly
60, 6.535, 354.518

Monochromacy



Original Color
60, 5.655, 43.191

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 2.252, 49.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 5.655, 43.191 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, 142, 138)` looks like.

```
.text, #text, p{  
    color:rgb(155, 142, 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(155, 142, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 142, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 5.655, 43.191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

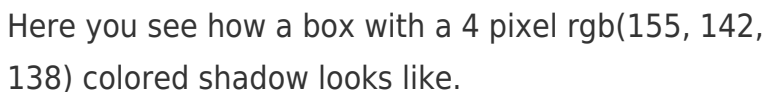
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 142, 138) }
```

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

```
.border{ border-color:rgb(155, 142, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 142, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 142, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 142, 138); box-shadow:4px 4px 4px 4px rgb(155, 142, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 5.655, 43.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 142, 138) }
```

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

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