

Converting Colors

CIELCh(59, 6.951, 26.802)

Have a look what the booklet for
CIELCh(59, 6.951, 26.802) contains.

CIELCh(59, 6.831, 24.751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 6.831, 24.751)

Conversions

Conversions Part 1

Format	Color
Hex	9B8A89
RGB	155, 138, 137
RGB Percent	61%, 54%, 54%
CMY	0.3914, 0.4581, 0.4620
CMYK	0.00, 0.11, 0.12, 0.39
HSL	3°, 8%, 57%
HSV	3°, 12%, 61%
XYZ	27.1965, 27.0277, 27.5189
YIQ	142.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

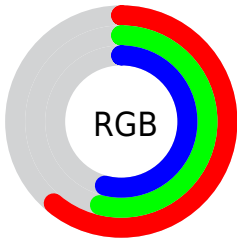
Format	Color
RYB	155, 138, 137
Decimal	10193545
CIELab	59.00, 6.20, 2.86
CIELCh	59, 6.831, 24.751
Yxy	27.0277, 0.3327, 0.3306
Android (android.graphics.Color)	4288383625 (0xFF9B8A89)
YUV	142.9690, -2.9427, 10.5512
Hunter-Lab	51.9882, 2.3990, 5.0078

Details

The CIELCh color $59, 6.831, 24.751$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 6.346, 203.999$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 7.158, 24.148$, and $39, 7.025, 25.282$ is the 20% darker color. If you saturate the color by 10%, you get $55, 13.233, 25.407$, and if you desaturate by 10%, it is $63, 0.907, 23.874$.

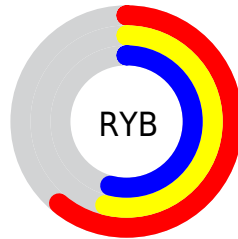
Distribution



Red (61%)

Green (54%)

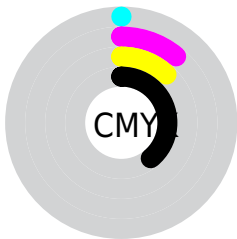
Blue (54%)



Red (61%)

Yellow (54%)

Blue (54%)

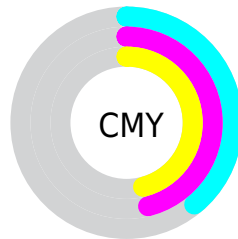


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 6.831, 24.751 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, 6.831, 24.751 by changing the saturation by 10% instead.

 59, 6.831, 24.751  59, 6.831, 24.751

 100, 6.831, 24.751  49, 6.831, 24.751

 79, 6.831, 24.751  39, 6.831, 24.751


 89, 6.831, 24.751  29, 6.831, 24.751



 99, 6.831, 24.751  19, 6.831, 24.751

 9, 6.831, 24.751

 0, 6.831, 24.751

 59, 6.831, 24.751  59, 6.831, 24.751

 55, 13.233, 25.407  63, 0.907, 23.874

 51, 20.131, 26.239  68, 4.570, 204.153

47, 27.509, 27.339

72, 9.642, 203.861

43, 35.303, 28.788

77, 14.353,
203.676

40, 43.387, 30.660

81, 18.745,
203.551

37, 51.551, 32.996

35, 59.448, 35.704

86, 22.857,
203.468

33, 66.389, 38.365

90, 26.723,
203.418

32, 70.980, 40.396

94, 30.611,
197.533

Harmonies

Complementary

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



59, 6.831, 24.751



62, 6.346, 203.999

Rectangle

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



59, 6.831, 24.751



59, 6.831, 74.751



59, 6.831, 204.751



59, 6.831, 254.751

Sweetspot

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



59, 6.830, 24.765



80, 2.112, 24.175



59, 11.939, 326.425



42, 1.619, 24.261



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 6.830, 24.765



74, 10.303, 24.923



61, 6.414, 79.163



30, 3.258, 24.626



29, 65.353, 40.004



1, 3.407, 24.228

Inverse Universe

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



62, 6.346, 203.999



79, 9.402, 203.908



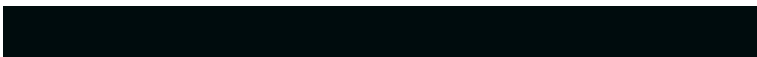
60, 6.296, 262.211



32, 3.075, 204.092



50, 29.895, 205.492



3, 3.382, 204.968

Previews

White Background



This preview shows how the CIELCh color 59, 6.831, 24.751 looks on a white background.

Color Contrast Check

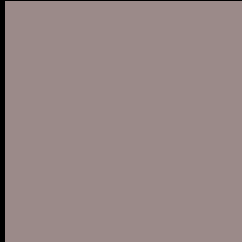
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 6.831, 24.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

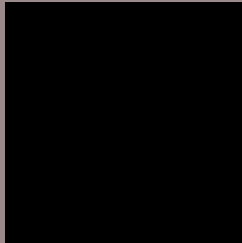
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 6.831, 24.751

Background



This preview shows how black text looks on a background with the CIELCh color 59, 6.831, 24.751.



This preview shows how white text looks on a background with the CIELCh color 59, 6.831, 24.751.

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, 6.831, 24.751

Protanopia

59, 1.927, 55.180

Deuteranopia

59, 8.025, 20.173



Tritanopia
59, 9.672, 344.673

Trichromacy



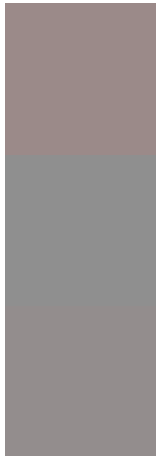
Original Color
59, 6.831, 24.751

Protanomaly
59, 3.738, 37.193

Deuteranomaly
59, 7.616, 20.128

Tritanomaly
59, 8.241, 355.975

Monochromacy



Original Color
59, 6.831, 24.751

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 2.357, 19.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 6.831, 24.751 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, 138, 137)` looks like.

```
.text, #text, p{  
    color:rgb(155, 138, 137)  
}
```

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, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 138, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 6.831, 24.751 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, 138, 137) }
```

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

```
.border{ border-color:rgb(155, 138, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(155, 138,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 6.831, 24.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 138, 137) }
```

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

```
.background{ background-color: rgb(155,  
138, 137) }
```

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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