

Converting Colors

CIELCh(59, 37.773, 83.957)

Have a look what the booklet for
CIELCh(59, 37.773, 83.957) contains.

CIELCh(59, 37.993, 84.103)	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, 37.993, 84.103)

Conversions

Conversions Part 1

Format	Color
Hex	A98A4B
RGB	169, 138, 75
RGB Percent	66%, 54%, 29%
CMY	0.3382, 0.4597, 0.7067
CMYK	0.00, 0.18, 0.56, 0.34
HSL	40°, 39%, 48%
HSV	40°, 56%, 66%
XYZ	26.6309, 27.0277, 10.4327
YIQ	140.0870, 38.6990, -13.0210

Conversions

Conversions Part 2

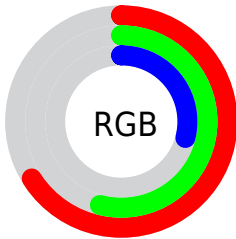
Format	Color
R_{YB}	121, 169, 75
Decimal	11110987
CIE _{Lab}	59.00, 3.90, 37.79
CIE _{LCh}	59, 37.993, 84.103
Yxy	27.0277, 0.4155, 0.4217
Android (android.graphics.Color)	4289301067 (0xFFA98A4B)
YUV	140.0870, -32.0879, 25.3567
Hunter-Lab	51.9882, 0.4570, 24.4938

Details

The CIELCh color **59, 37.993, 84.103** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **45, 38.057, 281.862**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 38.061, 84.120**, and **39, 37.899, 83.976** is the 20% darker color. If you saturate the color by 10%, you get **57, 44.713, 82.638**, and if you desaturate by 10%, it is **61, 31.055, 85.511**.

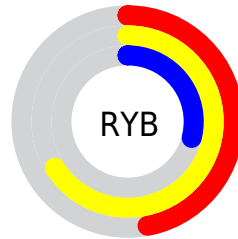
Distribution



Red (66%)

Green (54%)

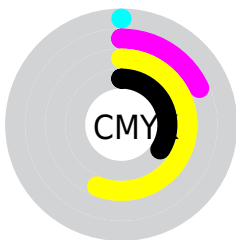
Blue (29%)



Red (47%)

Yellow (66%)

Blue (29%)

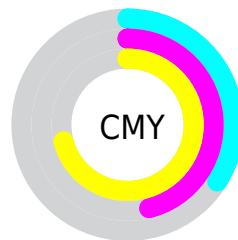


Cyan (0%)

Magenta (18%)

Yellow (56%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 37.993, 84.103 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, 37.993, 84.103 by changing the saturation by 10% instead.

■ 59, 37.993, 84.103

■ 59, 37.993, 84.103

■ 100, 37.993,
84.103

■ 49, 37.993, 84.103

■ 79, 37.993, 84.103

■ 39, 37.993, 84.103

■ 89, 37.993, 84.103

■ 29, 37.993, 84.103

■ 99, 37.993, 84.103

■ 19, 37.993, 84.103

■ 9, 37.993, 84.103

■ 0, 37.993, 84.103

■ 59, 37.993, 84.103

■ 59, 37.993, 84.103

■ 57, 44.713, 82.638

■ 61, 31.055, 85.511

■ 56, 50.882, 81.060

■ 62, 24.083, 86.871

■ 54, 55.970, 79.276

■ 64, 17.176, 88.192

■ 53, 59.347, 77.137

■ 66, 10.381, 89.469

■ 52, 60.608, 76.197

■ 68, 3.717, 90.676

■ 70, 2.811, 272.005

■ 72, 9.207, 273.103

■ 74, 15.478,
274.194

■ 76, 21.633,
275.238

Harmonies

Complementary

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



59, 37.993, 84.103



45, 38.057, 281.862

Rectangle

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



59, 37.993, 84.103



59, 37.993, 134.103



59, 37.993, 264.103



59, 37.993, 314.103

Sweetspot

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



59, 37.993, 84.107



84, 13.952, 89.264



45, 41.874, 1.262



44, 9.337, 89.024



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 37.993, 84.107



73, 56.334, 82.253



66, 49.799, 112.899



35, 3.712, 90.255



46, 55.024, 76.528



4, 6.237, 84.822

Inverse Universe

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



45, 38.057, 281.862



52, 57.424, 285.594



38, 57.585, 302.483



33, 3.713, 272.640



25, 64.349, 296.154



2, 7.072, 274.893

Previews

White Background



This preview shows how the CIELCh color 59, 37.993, 84.103 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, 37.993, 84.103 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, 37.993, 84.103

Background



This preview shows how black text looks on a background with the CIELCh color 59, 37.993, 84.103.



This preview shows how white text looks on a background with the CIELCh color 59, 37.993, 84.103.

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, 37.993, 84.103

Protanopia

59, 37.063, 95.346

Deuteranopia

59, 38.391, 78.349



Tritanopia
59, 18.528, 3.854

Trichromacy



Original Color
59, 37.993, 84.103

Protanomaly
59, 36.794, 90.949

Deuteranomaly
59, 38.136, 80.454

Tritanomaly
59, 19.438, 50.065

Monochromacy



Original Color
59, 37.993, 84.103

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 13.803, 89.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 37.993, 84.103 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(169, 138, 75)` looks like.

```
.text, #text, p{  
    color:rgb(169, 138, 75)  
}
```

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(169, 138, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 138, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 37.993, 84.103 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(169, 138, 75) }
```

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

```
.border{ border-color:rgb(169, 138, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 138, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 138, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 138, 75);  
box-shadow:4px 4px 4px 4px rgb(169, 138,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 37.993, 84.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 138, 75) }
```

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

```
.background{ background-color: rgb(169,  
138, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor