

Converting Colors

CIELCh(59, 36.957, 123.400)

Have a look what the booklet for
CIELCh(59, 36.957, 123.400)
contains.

CIELCh(59, 37.394, 123.385)	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, 37.394, 123.385)

Conversions

Conversions Part 1

Format	Color
Hex	7D9756
RGB	125, 151, 86
RGB Percent	49%, 59%, 34%
CMY	0.5111, 0.4091, 0.6640
CMYK	0.17, 0.00, 0.43, 0.41
HSL	84°, 27%, 46%
HSV	84°, 43%, 59%
XYZ	21.0893, 27.0277, 12.8440
YIQ	135.8160, 5.3690, -25.7270

Conversions

Conversions Part 2

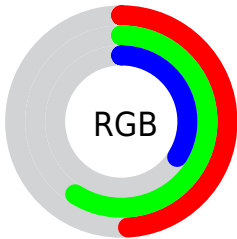
Format	Color
R_{YB}	86, 151, 112
Decimal	8230742
CIE _{Lab}	59.00, -20.58, 31.22
CIE _{LCh}	59, 37.394, 123.385
Yxy	27.0277, 0.3459, 0.4434
Android (android.graphics.Color)	4286420822 (0xFF7D9756)
YUV	135.8160, -24.5593, -9.4856
Hunter-Lab	51.9882, -18.5698, 21.7438

Details

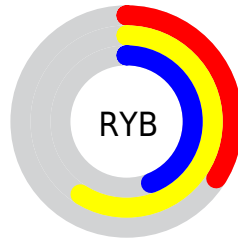
The CIELCh color $59, 37.394, 123.385$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42, 40.345, 308.017$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 37.082, 123.144$, and $39, 37.219, 123.800$ is the 20% darker color. If you saturate the color by 10%, you get $58, 45.498, 122.969$, and if you desaturate by 10%, it is $60, 28.940, 123.868$.

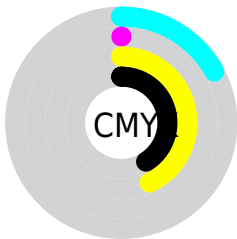
Distribution



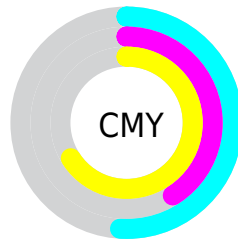
- Red (49%)
- Green (59%)
- Blue (34%)



- Red (34%)
- Yellow (59%)
- Blue (44%)



- Cyan (17%)
- Magenta (0%)
- Yellow (43%)
- Black (41%)





- Cyan (51%)
- Magenta (41%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 37.394, 123.385 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, 37.394, 123.385 by changing the saturation by 10% instead.


 59, 37.394,
123.385


 59, 37.394,
123.385


 100, 37.394,
123.385


 49, 37.394,
123.385


 79, 37.394,
123.385

 39, 37.394,
123.385

 89, 37.394,
123.385

 29, 37.394,
123.385

 99, 37.394,
123.385

 19, 37.394,
123.385

 9, 37.394, 123.385

 0, 37.394, 123.385

■ 59, 37.394,
123.385

■ 59, 37.394,
123.385

■ 58, 45.498,
122.969

■ 60, 28.940,
123.868

■ 58, 53.034,
122.675

■ 60, 20.283,
124.374

■ 57, 59.704,
122.594

■ 61, 11.525,
124.880

■ 57, 65.146,
122.835

■ 62, 2.737, 125.384

■ 57, 69.031,
123.507

■ 63, 6.030, 305.807

■ 56, 71.134,
124.093

■ 64, 14.741,
306.242

■ 65, 23.369,
306.639

■ 66, 31.897,
307.003

■ 67, 40.310,
307.334

Harmonies

Complementary

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



59, 37.394, 123.385



42, 40.345, 308.017

Rectangle

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



59, 37.394, 123.385



59, 37.394, 173.385



59, 37.394, 303.385



59, 37.394, 353.385

Sweetspot

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



59, 37.395, 123.387



78, 14.164, 124.873



50, 23.692, 59.752



41, 9.989, 124.769



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 37.395, 123.387



74, 55.269, 122.971



57, 43.165, 138.954



32, 5.023, 125.074



53, 67.455, 123.990



3, 5.451, 125.871

Inverse Universe

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



42, 40.345, 308.017



49, 60.902, 308.688



45, 43.439, 323.695



30, 5.103, 305.952



19, 81.457, 310.108



1, 5.436, 305.260

Previews

White Background



This preview shows how the CIELCh color 59, 37.394, 123.385 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, 37.394, 123.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

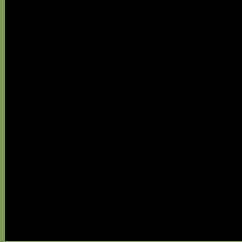
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 37.394, 123.385

Background



This preview shows how black text looks on a background with the CIELCh color 59, 37.394, 123.385.



This preview shows how white text looks on a background with the CIELCh color 59, 37.394, 123.385.

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, 37.394, 123.385

Protanopia
59, 33.790, 96.337

Deuteranopia
59, 30.877, 75.464



Tritanopia
59, 7.002, 262.408

Trichromacy



Original Color
59, 37.394, 123.385

Protanomaly
59, 34.188, 106.934

Deuteranomaly
59, 30.140, 95.642

Tritanomaly
59, 11.338, 140.650

Monochromacy



Original Color
59, 37.394, 123.385

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 14.203, 125.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 37.394, 123.385 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(125, 151, 86)` looks like.

```
.text, #text, p{  
    color:rgb(125, 151, 86)  
}
```

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(125, 151, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 151, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 37.394, 123.385 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(125, 151, 86) }
```

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

```
.border{ border-color:rgb(125, 151, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 151, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 151, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 151, 86);  
box-shadow:4px 4px 4px 4px rgb(125, 151,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 37.394, 123.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 151, 86) }
```

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

```
.background{ background-color: rgb(125,  
151, 86) }
```

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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