

Converting Colors

CIELCh(60, 16.041, 96.859)

Have a look what the booklet for
CIELCh(60, 16.041, 96.859) contains.

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Color

CIELCh(60, 15.967, 97.801)

Conversions

Conversions Part 1

Format	Color
Hex	989175
RGB	152, 145, 117
RGB Percent	60%, 57%, 46%
CMY	0.4047, 0.4322, 0.5419
CMYK	0.00, 0.05, 0.23, 0.40
HSL	48°, 14%, 53%
HSV	48°, 23%, 60%
XYZ	26.2034, 28.1233, 20.8161
YIQ	143.9010, 13.1600, -7.2240

Conversions

Conversions Part 2

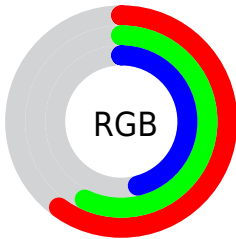
Format	Color
RYB	126, 152, 117
Decimal	9998709
CIELab	60.00, -2.17, 15.82
CIELCh	60, 15.967, 97.801
Yxy	28.1233, 0.3487, 0.3743
Android (android.graphics.Color)	4288188789 (0xFF989175)
YUV	143.9010, -13.2622, 7.1028
Hunter-Lab	53.0314, -4.6064, 13.8492

Details

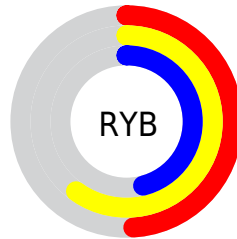
The CIELCh color $60, 15.967, 97.801$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 16.373, 283.404$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 16.178, 97.632$, and $40, 15.922, 97.719$ is the 20% darker color. If you saturate the color by 10%, you get $59, 22.933, 96.634$, and if you desaturate by 10%, it is $61, 9.009, 98.950$.

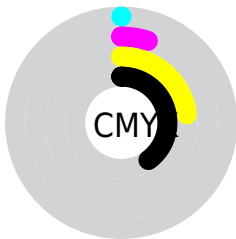
Distribution



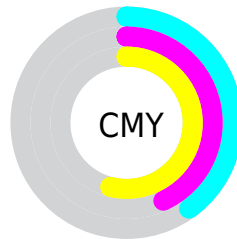
- Red (60%)
- Green (57%)
- Blue (46%)



- Red (49%)
- Yellow (60%)
- Blue (46%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 15.967, 97.801 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, 15.967, 97.801 by changing the saturation by 10% instead.

60, 15.967, 97.801

60, 15.967, 97.801

100, 15.967,
97.801

50, 15.967, 97.801

80, 15.967, 97.801

40, 15.967, 97.801

90, 15.967, 97.801

30, 15.967, 97.801

20, 15.967, 97.801

10, 15.967, 97.801

0, 15.967, 97.801

60, 15.967, 97.801

60, 15.967, 97.801

59, 22.933, 96.634

61, 9.009, 98.950

58, 29.844, 95.438

62, 2.091, 100.018

57, 36.590, 94.227

64, 4.768, 281.183

56, 42.991, 93.003

65, 11.559,
282.201

55, 48.750, 91.762

66, 18.279,
283.187

54, 53.437, 90.483

53, 56.543, 89.119

68, 24.928,
284.128

52, 58.105, 88.147

69, 31.505,
285.022

70, 38.013,
285.870

72, 44.454,
286.672

Harmonies

Complementary

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



60, 15.967, 97.801



52, 16.373, 283.404

Rectangle

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



60, 15.967, 97.801



60, 15.967, 147.801



60, 15.967, 277.801



60, 15.967, 327.801

Sweetspot

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



60, 15.968, 97.807



78, 5.943, 99.602



53, 14.912, 5.573



41, 3.893, 99.545



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 15.968, 97.807



75, 23.953, 97.165



61, 19.957, 120.501



32, 3.920, 99.374



49, 54.880, 88.264



3, 4.174, 99.592

Inverse Universe

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



52, 16.373, 283.404



64, 24.732, 284.283



51, 20.850, 303.259



30, 3.964, 281.503



19, 73.567, 301.848



1, 4.252, 280.613

Previews

White Background



This preview shows how the CIELCh color 60, 15.967, 97.801 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 60, 15.967, 97.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

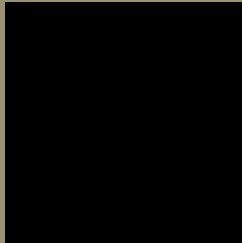
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

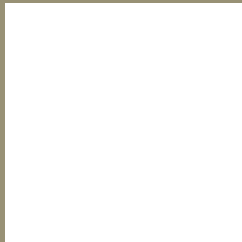
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 15.967, 97.801

Background



This preview shows how black text looks on a background with the CIELCh color 60, 15.967, 97.801.



This preview shows how white text looks on a background with the CIELCh color 60, 15.967, 97.801.

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, 15.967, 97.801

Protanopia

60, 15.622, 94.456

Deuteranopia

60, 17.197, 63.163



Tritanopia
60, 8.803, 335.457

Trichromacy



Original Color
60, 15.967, 97.801

Protanomaly
60, 15.622, 94.456

Deuteranomaly
60, 15.758, 74.459

Tritanomaly
60, 5.060, 39.212

Monochromacy



Original Color
60, 15.967, 97.801

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.746, 97.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 15.967, 97.801 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(152, 145, 117)` looks like.

```
.text, #text, p{  
    color:rgb(152, 145, 117)  
}
```

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(152, 145, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 145, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 15.967, 97.801 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(152, 145, 117) }
```

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

```
.border{ border-color:rgb(152, 145, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 145, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 145, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 145, 117);  
box-shadow:4px 4px 4px 4px rgb(152, 145,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 15.967, 97.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 145, 117) }
```

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

```
.background{ background-color: rgb(152,  
145, 117) }
```

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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