

Converting Colors

CIELCh(60, 17.158, 89.473)

Have a look what the booklet for
CIELCh(60, 17.158, 89.473) contains.

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Color

CIELCh(60, 16.829, 87.773)

Conversions

Conversions Part 1

Format	Color
Hex	9D8F73
RGB	157, 143, 115
RGB Percent	62%, 56%, 45%
CMY	0.3836, 0.4385, 0.5484
CMYK	0.00, 0.09, 0.27, 0.38
HSL	40°, 18%, 53%
HSV	40°, 27%, 62%
XYZ	26.8908, 28.1233, 20.2804
YIQ	143.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

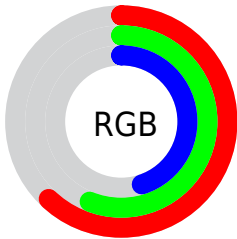
Format	Color
R _Y B	136, 157, 115
Decimal	10325875
CIE Lab	60.00, 0.65, 16.82
CIE LCh	60, 16.829, 87.773
Yxy	28.1233, 0.3571, 0.3735
Android (android.graphics.Color)	4288515955 (0xFF9D8F73)
YUV	143.9940, -14.2940, 11.4063
Hunter-Lab	53.0314, -2.2926, 14.4482

Details

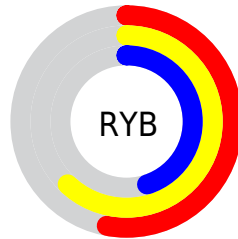
The CIELCh color $60, 16.829, 87.773$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 16.731, 275.048$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 16.966, 88.425$, and $40, 16.736, 88.134$ is the 20% darker color. If you saturate the color by 10%, you get $58, 23.340, 86.461$, and if you desaturate by 10%, it is $62, 10.425, 89.056$.

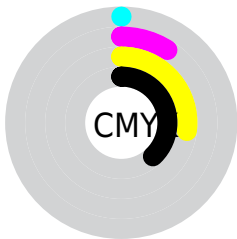
Distribution



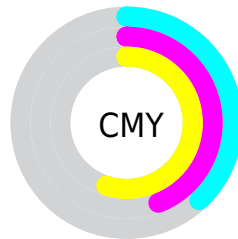
- Red (62%)
- Green (56%)
- Blue (45%)



- Red (53%)
- Yellow (62%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 16.829, 87.773 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, 16.829, 87.773 by changing the saturation by 10% instead.

60, 16.829, 87.773

60, 16.829, 87.773

100, 16.829,
87.773

50, 16.829, 87.773

80, 16.829, 87.773

40, 16.829, 87.773

90, 16.829, 87.773

30, 16.829, 87.773

20, 16.829, 87.773

10, 16.829, 87.773

0, 16.829, 87.773

60, 16.829, 87.773

60, 16.829, 87.773

58, 23.340, 86.461

62, 10.425, 89.056

57, 29.911, 85.104

64, 4.145, 90.269

■ 55, 36.445, 83.700

■ 65, 2.006, 271.617

■ 53, 42.764, 82.231

■ 67, 8.030, 272.693

■ 52, 48.548, 80.646

■ 69, 13.935,
273.783

■ 50, 53.289, 78.847

■ 71, 19.728,
274.830

■ 49, 56.497, 76.713

■ 73, 25.419,
275.826

■ 49, 57.507, 76.033

■ 75, 31.016,
276.773

■ 77, 35.706,
277.154

Harmonies

Complementary

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



60, 16.829, 87.773



54, 16.731, 275.048

Rectangle

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



60, 16.829, 87.773



60, 16.829, 137.773



60, 16.829, 267.773



60, 16.829, 317.773

Sweetspot

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



60, 16.830, 87.780



80, 6.106, 90.104



53, 18.791, 356.444



42, 4.337, 89.935



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, 16.830, 87.780



75, 25.058, 87.009



63, 23.342, 114.807



33, 3.511, 89.973



44, 53.622, 76.287



3, 4.409, 88.279

Inverse Universe

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



54, 16.731, 275.048



66, 24.887, 276.142



51, 24.760, 298.962



31, 3.511, 272.342



24, 62.156, 295.830



1, 4.650, 272.480

Previews

White Background



This preview shows how the CIELCh color 60, 16.829, 87.773 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, 16.829, 87.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

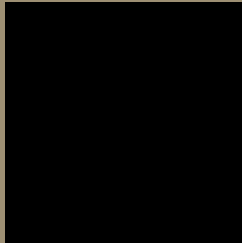
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 16.829, 87.773

Background



This preview shows how black text looks on a background with the CIELCh color 60, 16.829, 87.773.



This preview shows how white text looks on a background with the CIELCh color 60, 16.829, 87.773.

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, 16.829, 87.773

Protanopia

60, 16.273, 93.392

Deuteranopia

60, 18.044, 65.485



Tritanopia
60, 10.936, 346.029

Trichromacy



Original Color
60, 16.829, 87.773

Protanomaly
60, 16.390, 91.961

Deuteranomaly
60, 17.212, 73.996

Tritanomaly
60, 8.231, 31.917

Monochromacy



Original Color
60, 16.829, 87.773

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.961, 89.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 16.829, 87.773 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(157, 143, 115)` looks like.

```
.text, #text, p{  
    color:rgb(157, 143, 115)  
}
```

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(157, 143, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 143, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 16.829, 87.773 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(157, 143, 115) }
```

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

```
.border{ border-color:rgb(157, 143, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 143, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 143, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 143, 115);  
box-shadow:4px 4px 4px 4px rgb(157, 143,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 16.829, 87.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 143, 115) }
```

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

```
.background{ background-color: rgb(157,  
143, 115) }
```

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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