

Converting Colors

CIELCh(60, 10.862, 69.393)

Have a look what the booklet for
CIELCh(60, 10.862, 69.393) contains.

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Color

CIELCh(60, 10.995, 69.606)

Conversions

Conversions Part 1

Format	Color
Hex	9F8E7F
RGB	159, 142, 127
RGB Percent	62%, 56%, 50%
CMY	0.3777, 0.4443, 0.5031
CMYK	0.00, 0.11, 0.20, 0.38
HSL	28°, 14%, 56%
HSV	28°, 20%, 62%
XYZ	27.6793, 28.1233, 23.9498
YIQ	145.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

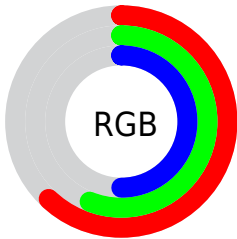
Format	Color
R_{YB}	159, 155, 127
Decimal	10456703
CIE _{Lab}	60.00, 3.83, 10.31
CIE _{LCh}	60, 10.995, 69.606
Yxy	28.1233, 0.3471, 0.3526
Android (android.graphics.Color)	4288646783 (0xFF9F8E7F)
YUV	145.3730, -9.0579, 11.9509
Hunter-Lab	53.0314, 0.3616, 10.3458

Details

The CIELCh color $60, 10.995, 69.606$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.332, 254.738$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 10.955, 70.255$, and $40, 10.936, 70.424$ is the 20% darker color. If you saturate the color by 10%, you get $57, 16.883, 68.461$, and if you desaturate by 10%, it is $63, 5.400, 70.748$.

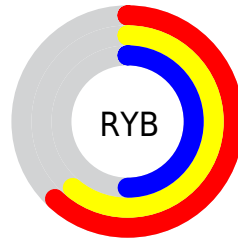
Distribution



Red (62%)

Green (56%)

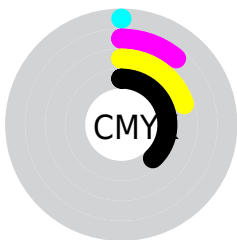
Blue (50%)



Red (62%)

Yellow (61%)

Blue (50%)

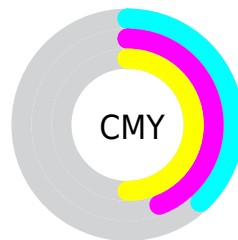


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 10.995, 69.606 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, 10.995, 69.606 by changing the saturation by 10% instead.

60, 10.995, 69.606

60, 10.995, 69.606

100, 10.995,
69.606

50, 10.995, 69.606

80, 10.995, 69.606

40, 10.995, 69.606

90, 10.995, 69.606

30, 10.995, 69.606

20, 10.995, 69.606

10, 10.995, 69.606

0, 10.995, 69.606

60, 10.995, 69.606

60, 10.995, 69.606

57, 16.883, 68.461

63, 5.400, 70.748

55, 23.076, 67.301

65, 0.075, 67.529

■ 52, 29.563, 66.141

■ 68, 5.006, 253.152

■ 50, 36.291, 64.971

■ 71, 9.867, 254.219

■ 48, 43.121, 63.748

■ 74, 14.533,
255.275

■ 46, 49.749, 62.366

■ 76, 19.029,
256.299

■ 44, 55.598, 60.601

■ 42, 60.453, 58.577

■ 79, 23.372,
257.285

■ 82, 27.583,
258.231

■ 84, 26.076,
248.155

Harmonies

Complementary

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



60, 10.995, 69.606



59, 10.332, 254.738

Rectangle

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



60, 10.995, 69.606



60, 10.995, 119.606



60, 10.995, 249.606



60, 10.995, 299.606

Sweetspot

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



60, 10.995, 69.617



81, 3.913, 71.173



57, 15.890, 343.555



43, 2.620, 71.113



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 10.995, 69.617



75, 16.409, 69.120



64, 17.078, 106.857



32, 2.990, 70.847



38, 55.840, 58.949



2, 3.787, 69.198

Inverse Universe

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



59, 10.332, 254.738



73, 15.189, 255.452



54, 17.820, 291.092



32, 2.915, 253.179



32, 43.190, 279.781



2, 3.912, 255.020

Previews

White Background



This preview shows how the CIELCh color 60, 10.995, 69.606 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 60, 10.995, 69.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

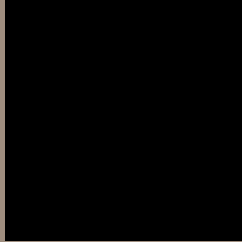
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 10.995, 69.606

Background



This preview shows how black text looks on a background with the CIELCh color 60, 10.995, 69.606.



This preview shows how white text looks on a background with the CIELCh color 60, 10.995, 69.606.

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, 10.995, 69.606

Protanopia

60, 9.432, 91.524

Deuteranopia

60, 12.783, 51.936



Tritanopia
60, 11.262, 347.223

Trichromacy



Original Color
60, 10.995, 69.606

Protanomaly
60, 9.565, 81.131

Deuteranomaly
60, 12.058, 57.213

Tritanomaly
60, 8.846, 12.983

Monochromacy



Original Color
60, 10.995, 69.606

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.117, 74.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 10.995, 69.606 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(159, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(159, 142, 127)  
}
```

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(159, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 142, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 10.995, 69.606 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(159, 142, 127) }
```

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

```
.border{ border-color:rgb(159, 142, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 142, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 142,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 10.995, 69.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 142, 127) }
```

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

```
.background{ background-color: rgb(159,  
142, 127) }
```

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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