

Converting Colors

CIELCh(60, 4.375, 30.336)

Have a look what the booklet for
CIELCh(60, 4.375, 30.336) contains.

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Color

CIELCh(60, 4.385, 27.094)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 998E8D |
| RGB | 153, 142, 141 |
| RGB Percent | 60%, 56%, 55% |
| CMY | 0.3992, 0.4424, 0.4463 |
| CMYK | 0.00, 0.07, 0.08, 0.40 |
| HSL | 5°, 6%, 58% |
| HSV | 5°, 8%, 60% |
| XYZ | 27.6974, 28.1233, 29.2426 |
| YIQ | 145.1750, 6.8770, 2.0210 |

Conversions

Conversions Part 2

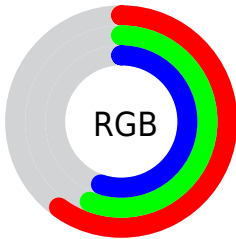
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 153, 142, 141 |
| Decimal | 10063501 |
| CIE Lab | 60.00, 3.90, 2.00 |
| CIE LCh | 60, 4.385, 27.094 |
| Yxy | 28.1233, 0.3256, 0.3306 |
| Android (android.graphics.Color) | 4288253581 (0xFF998E8D) |
| YUV | 145.1750, -2.0583, 6.8625 |
| Hunter-Lab | 53.0314, 0.4226, 4.4283 |

Details

The CIELCh color $60, 4.385, 27.094$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 4.174, 206.894$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 4.114, 26.993$, and $40, 4.338, 27.928$ is the 20% darker color. If you saturate the color by 10%, you get $56, 10.388, 27.605$, and if you desaturate by 10%, it is $64, 1.164, 207.316$.

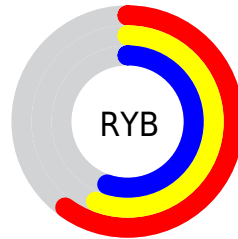
Distribution



Red (60%)

Green (56%)

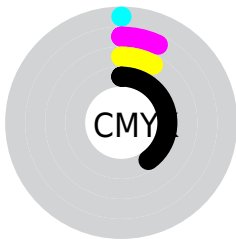
Blue (55%)



Red (60%)

Yellow (56%)

Blue (55%)

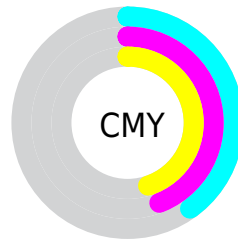


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (40%)



Cyan (40%)

Magenta (44%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 4.385, 27.094 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, 4.385, 27.094 by changing the saturation by 10% instead.

 60, 4.385, 27.094  60, 4.385, 27.094

 100, 4.385, 27.094  50, 4.385, 27.094

 80, 4.385, 27.094  40, 4.385, 27.094

 90, 4.385, 27.094  30, 4.385, 27.094

 20, 4.385, 27.094

 10, 4.385, 27.094

 0, 4.385, 27.094

 60, 4.385, 27.094  60, 4.385, 27.094

 56, 10.388, 27.605  64, 1.164, 207.316

 52, 16.876, 28.225  68, 6.294, 206.800

48, 23.854, 29.065

73, 11.049,
206.649

44, 31.293, 30.193

77, 15.472,
206.573

41, 39.113, 31.677

38, 47.161, 33.566

81, 19.602,
206.546

35, 55.173, 35.830

86, 23.474,
206.554

33, 62.639, 38.221

32, 68.697, 40.288

90, 27.122,
206.586

94, 30.946,
197.982

94, 31.106,
197.503

Harmonies

Complementary

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



60, 4.385, 27.094



62, 4.174, 206.894

Rectangle

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



60, 4.385, 27.094



60, 4.385, 77.094



60, 4.385, 207.094



60, 4.385, 257.094

Sweetspot

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



60, 4.384, 27.116



79, 1.353, 26.625



60, 7.781, 327.179



42, 0.767, 26.594



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, 4.384, 27.116



76, 6.263, 27.180



62, 4.376, 82.852



30, 3.176, 27.183



29, 64.979, 40.488



1, 3.322, 26.834

Inverse Universe

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



62, 4.174, 206.894



78, 5.911, 206.850



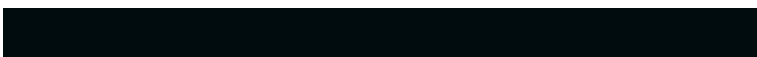
60, 4.345, 264.937



32, 2.997, 206.849



49, 29.053, 210.588



3, 3.291, 207.906

Previews

White Background



This preview shows how the CIELCh color 60, 4.385, 27.094 looks on a white background.

Color Contrast Check

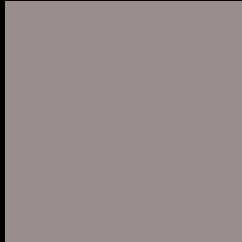
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.385, 27.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

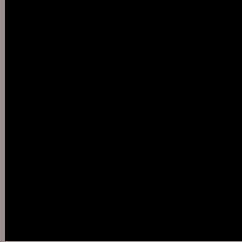
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 4.385, 27.094

Background



This preview shows how black text looks on a background with the CIELCh color 60, 4.385, 27.094.



This preview shows how white text looks on a background with the CIELCh color 60, 4.385, 27.094.

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, 4.385, 27.094

Protanopia

60, 1.919, 55.182

Deuteranopia

60, 8.030, 12.145



Tritanopia
60, 8.265, 331.556

Trichromacy



Original Color
60, 4.385, 27.094

Protanomaly
60, 2.804, 31.087

Deuteranomaly
60, 6.770, 15.273

Tritanomaly
60, 6.444, 342.246

Monochromacy



Original Color
60, 4.385, 27.094

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 1.561, 19.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 4.385, 27.094 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(153, 142, 141)` looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 141)  
}
```

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(153, 142, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 4.385, 27.094 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(153, 142, 141) }
```

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

```
.border{ border-color:rgb(153, 142, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 141);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 4.385, 27.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 141) }
```

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

```
.background{ background-color: rgb(153,  
142, 141) }
```

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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