

Converting Colors

CIELCh(60, 12.764, 350.840)

Have a look what the booklet for
CIELCh(60, 12.764, 350.840)
contains.

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Color

CIELCh(60, 12.627, 351.416)

Conversions

Conversions Part 1

Format	Color
Hex	A58994
RGB	165, 137, 148
RGB Percent	65%, 54%, 58%
CMY	0.3520, 0.4619, 0.4187
CMYK	0.00, 0.17, 0.10, 0.35
HSL	336°, 13%, 59%
HSV	336°, 17%, 65%
XYZ	29.9047, 28.1233, 31.9619
YIQ	146.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

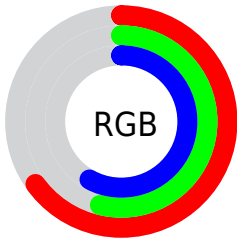
Format	Color
RYB	165, 137, 148
Decimal	10848660
CIELab	60.00, 12.49, -1.88
CIELCh	60, 12.627, 351.416
Yxy	28.1233, 0.3323, 0.3125
Android (android.graphics.Color)	4289038740 (0xFFA58994)
YUV	146.6260, 0.6774, 16.1140
Hunter-Lab	53.0314, 7.8522, 1.3881

Details

The CIELCh color $60, 12.627, 351.416$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 12.208, 168.354$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 12.820, 350.651$, and $40, 12.589, 352.514$ is the 20% darker color. If you saturate the color by 10%, you get $56, 20.318, 352.542$, and if you desaturate by 10%, it is $65, 5.098, 350.401$.

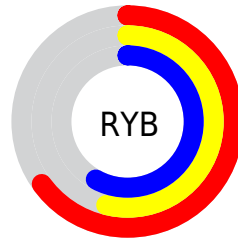
Distribution



Red (65%)

Green (54%)

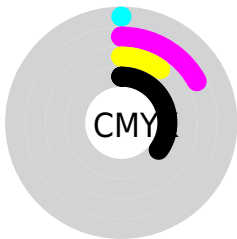
Blue (58%)



Red (65%)

Yellow (54%)

Blue (58%)

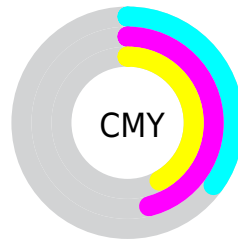


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (35%)



Cyan (35%)


Magenta (46%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 12.627, 351.416 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, 12.627, 351.416 by changing the saturation by 10% instead.


 60, 12.627,
351.416


 60, 12.627,
351.416


 100, 12.627,
351.416


 50, 12.627,
351.416


 80, 12.627,
351.416

 40, 12.627,
351.416


 90, 12.627,
351.416


 30, 12.627,
351.416

 20, 12.627,
351.416

 10, 12.627,
351.416

 0, 12.627, 351.416

 60, 12.627,

 60, 12.627,

351.416

351.416

56, 20.318,
352.542

65, 5.098, 350.401

51, 28.050,
353.835

69, 2.192, 169.786

74, 9.213, 168.872

47, 35.625,
355.362

79, 15.956,
168.147

44, 42.759,
357.210

84, 22.426,
167.494

41, 49.102,
359.497

88, 28.639,
166.897

38, 54.292, 2.373

93, 34.612,
166.347

36, 58.079, 6.011

94, 32.811,
172.694

35, 60.569, 10.486

35, 61.313, 11.884

94, 30.404,

Harmonies

Complementary

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



60, 12.627, 351.416



65, 12.208, 168.354

Rectangle

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



60, 12.627, 351.416



60, 12.627, 41.416



60, 12.627, 171.416



60, 12.627, 221.416

Sweetspot

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



60, 12.625, 351.420



83, 4.519, 350.204



59, 17.125, 313.190



43, 3.081, 350.276



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 12.625, 351.420



74, 18.487, 351.787



60, 10.320, 29.078



32, 4.124, 350.634



30, 55.749, 11.266



1, 6.186, 352.208

Inverse Universe

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



60, 12.625, 351.420



74, 18.487, 351.787



65, 9.231, 208.422



32, 4.124, 350.634



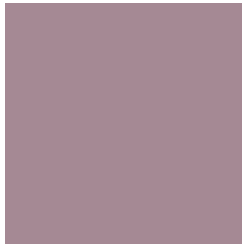
30, 55.749, 11.266



1, 6.186, 352.208

Previews

White Background



This preview shows how the CIELCh color 60, 12.627, 351.416 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, 12.627, 351.416 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, 12.627, 351.416

Background



This preview shows how black text looks on a background with the CIELCh color 60, 12.627, 351.416.



This preview shows how white text looks on a background with the CIELCh color 60, 12.627, 351.416.

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, 12.627, 351.416

Protanopia
60, 4.544, 295.495

Deuteranopia
60, 8.047, 346.138



Tritanopia
60, 12.627, 351.416

Trichromacy



Original Color
60, 12.627, 351.416

Protanomaly
60, 6.412, 327.606

Deuteranomaly
60, 9.675, 348.817

Tritanomaly
60, 12.627, 351.416

Monochromacy



Original Color
60, 12.627, 351.416

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 4.865, 352.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 12.627, 351.416 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(165, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(165, 137, 148)  
}
```

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(165, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 137, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 12.627, 351.416 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(165, 137, 148) }
```

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

```
.border{ border-color:rgb(165, 137, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 137, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 137, 148);  
box-shadow:4px 4px 4px 4px rgb(165, 137,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 12.627, 351.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 137, 148) }
```

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

```
.background{ background-color: rgb(165,  
137, 148) }
```

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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