

Converting Colors

CIELCh(60, 9.572, 40.715)

Have a look what the booklet for
CIELCh(60, 9.572, 40.715) contains.

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Color

CIELCh(60, 9.574, 40.722)

Conversions

Conversions Part 1

Format	Color
Hex	A28C86
RGB	162, 140, 134
RGB Percent	64%, 55%, 53%
CMY	0.3650, 0.4513, 0.4748
CMYK	0.00, 0.14, 0.17, 0.37
HSL	13°, 13%, 58%
HSV	13°, 17%, 63%
XYZ	28.5462, 28.1233, 26.4481
YIQ	145.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

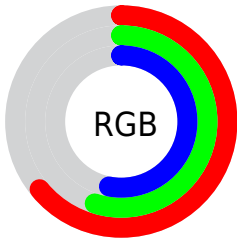
Format	Color
R _Y B	162, 142, 134
Decimal	10652806
CIE Lab	60.00, 7.26, 6.25
CIE LCh	60, 9.574, 40.722
Yxy	28.1233, 0.3434, 0.3384
Android (android.graphics.Color)	4288842886 (0xFFA28C86)
YUV	145.8940, -5.8637, 14.1250
Hunter-Lab	53.0314, 3.2796, 7.5526

Details

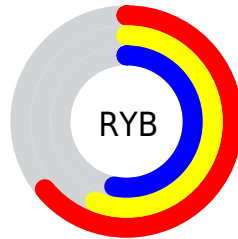
The CIELCh color $60, 9.574, 40.722$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.586, 221.913$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 9.503, 42.895$, and $40, 9.668, 42.445$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.738, 40.672$, and if you desaturate by 10%, it is $64, 3.878, 40.853$.

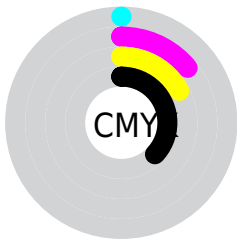
Distribution



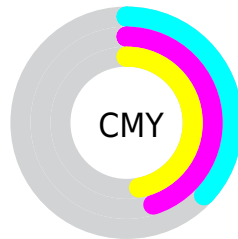
- Red (64%)
- Green (55%)
- Blue (53%)



- Red (64%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (37%)





- Cyan (37%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 9.574, 40.722 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, 9.574, 40.722 by changing the saturation by 10% instead.

 60, 9.574, 40.722  60, 9.574, 40.722

 100, 9.574, 40.722  50, 9.574, 40.722

 80, 9.574, 40.722  40, 9.574, 40.722

 90, 9.574, 40.722  30, 9.574, 40.722

 20, 9.574, 40.722

 10, 9.574, 40.722

 0, 9.574, 40.722

 60, 9.574, 40.722  60, 9.574, 40.722

 56, 15.738, 40.672  64, 3.878, 40.853

 53, 22.401, 40.740  68, 1.389, 221.575

49, 29.574, 40.977

72, 6.271, 221.649

46, 37.230, 41.414

75, 10.812,
221.992

43, 45.277, 42.057

79, 15.050,
222.382

40, 53.494, 42.849

38, 61.381, 43.575

83, 19.025,
222.796

36, 68.111, 43.913

87, 22.767,
223.222

36, 69.956, 44.209

91, 25.380,
213.854

94, 28.698,
198.269

Harmonies

Complementary

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



60, 9.574, 40.722



63, 8.586, 221.913

Rectangle

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



60, 9.574, 40.722



60, 9.574, 90.722



60, 9.574, 220.722



60, 9.574, 270.722

Sweetspot

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



60, 9.573, 40.734



82, 3.278, 40.854



59, 16.638, 331.581



44, 2.261, 40.857



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, 9.573, 40.734



75, 14.703, 40.696



64, 11.404, 91.590



33, 3.052, 40.834



32, 64.191, 44.238



2, 4.645, 38.803

Inverse Universe

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



63, 8.586, 221.913



79, 12.815, 222.142



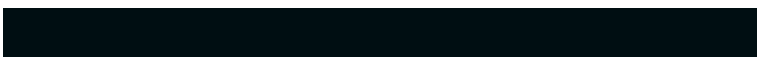
59, 11.439, 276.021



33, 2.887, 221.577



44, 29.070, 237.822



3, 4.510, 227.175

Previews

White Background



This preview shows how the CIELCh color 60, 9.574, 40.722 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, 9.574, 40.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

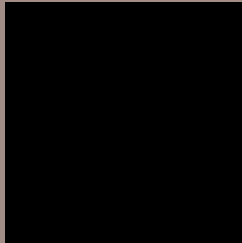
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 9.574, 40.722

Background



This preview shows how black text looks on a background with the CIELCh color 60, 9.574, 40.722.



This preview shows how white text looks on a background with the CIELCh color 60, 9.574, 40.722.

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, 9.574, 40.722

Protanopia

60, 4.910, 85.689

Deuteranopia

60, 9.965, 39.913



Tritanopia
60, 11.666, 351.821

Trichromacy



Original Color
60, 9.574, 40.722

Protanomaly
60, 6.303, 65.074

Deuteranomaly
60, 9.965, 39.913

Tritanomaly
60, 9.801, 7.158

Monochromacy



Original Color
60, 9.574, 40.722

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 3.339, 39.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 9.574, 40.722 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(162, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 134)  
}
```

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(162, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 9.574, 40.722 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(162, 140, 134) }
```

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

```
.border{ border-color:rgb(162, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 9.574, 40.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 134) }
```

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

```
.background{ background-color: rgb(162,  
140, 134) }
```

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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