

Converting Colors

CIELCh(60, 22.726, 24.235)

Have a look what the booklet for
CIELCh(60, 22.726, 24.235) contains.

CIELCh(60, 22.574, 24.577)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 22.574, 24.577)

Conversions

Conversions Part 1

Format	Color
Hex	B98381
RGB	185, 131, 129
RGB Percent	73%, 51%, 51%
CMY	0.2746, 0.4863, 0.4942
CMYK	0.00, 0.29, 0.30, 0.27
HSL	2°, 29%, 62%
HSV	2°, 30%, 73%
XYZ	32.0772, 28.1233, 24.4996
YIQ	146.9180, 32.8260, 10.8260

Conversions

Conversions Part 2

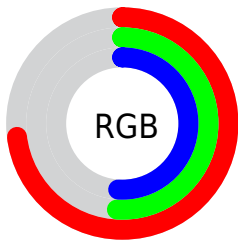
Format	Color
RYB	185, 131, 129
Decimal	12157825
CIELab	60.00, 20.53, 9.39
CIElCh	60, 22.574, 24.577
Yxy	28.1233, 0.3787, 0.3320
Android (android.graphics.Color)	4290347905 (0xFFB98381)
YUV	146.9180, -8.8336, 33.3979
Hunter-Lab	53.0314, 15.1646, 9.7310

Details

The CIELCh color **60, 22.574, 24.577** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 18.312, 201.437**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 22.601, 23.895**, and **40, 22.386, 24.252** is the 20% darker color. If you saturate the color by 10%, you get **55, 31.163, 25.781**, and if you desaturate by 10%, it is **65, 14.536, 23.669**.

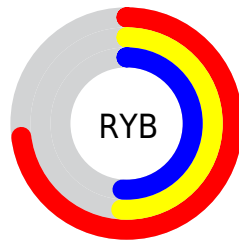
Distribution



Red (73%)

Green (51%)

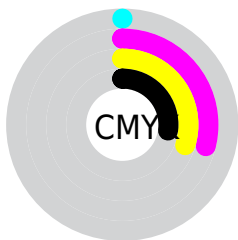
Blue (51%)



Red (73%)

Yellow (51%)

Blue (51%)

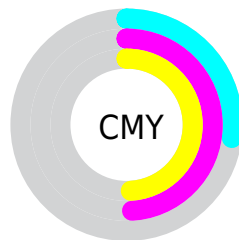


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 22.574, 24.577 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, 22.574, 24.577 by changing the saturation by 10% instead.

60, 22.574, 24.577

60, 22.574, 24.577

100, 22.574,
24.577

50, 22.574, 24.577

80, 22.574, 24.577

40, 22.574, 24.577

90, 22.574, 24.577

30, 22.574, 24.577

20, 22.574, 24.577

10, 22.574, 24.577

0, 22.574, 24.577

60, 22.574, 24.577

60, 22.574, 24.577

55, 31.163, 25.781

65, 14.536, 23.669

51, 40.223, 27.354

70, 7.078, 22.953

47, 49.590, 29.392

75, 0.181, 19.628

44, 59.002, 31.947

80, 6.192, 202.212

41, 68.053, 34.934

85, 12.092,
201.879

40, 75.951, 37.909

91, 17.571,
201.644

39, 81.665, 40.375

96, 22.564,
198.027

Harmonies

Complementary

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



60, 22.574, 24.577



71, 18.312, 201.437

Rectangle

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



60, 22.574, 24.577



60, 22.574, 74.577



60, 22.574, 204.577



60, 22.574, 254.577

Sweetspot

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



60, 22.572, 24.582



89, 7.620, 22.878



61, 36.419, 326.999



46, 5.322, 22.974



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 22.572, 24.582



73, 33.930, 25.300



67, 19.829, 75.096



36, 3.865, 22.891



32, 71.381, 40.116



2, 10.362, 21.643

Inverse Universe

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



71, 18.312, 201.437



89, 26.184, 201.285



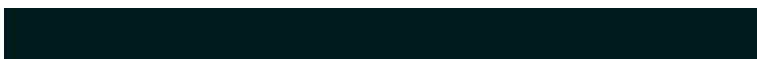
63, 18.567, 263.715



38, 3.643, 202.192



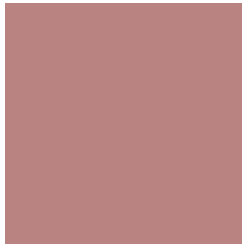
56, 33.008, 202.116



8, 9.937, 202.701

Previews

White Background



This preview shows how the CIELCh color 60, 22.574, 24.577 looks on a white background.

Color Contrast Check

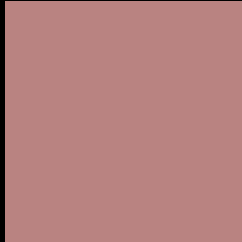
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.574, 24.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

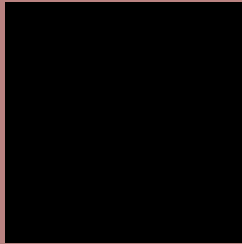
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 22.574, 24.577

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.574, 24.577.



This preview shows how white text looks on a background with the CIELCh color 60, 22.574, 24.577.

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, 22.574, 24.577

Protanopia

60, 5.085, 81.541

Deuteranopia

60, 12.746, 54.952



Tritanopia
60, 23.708, 8.507

Trichromacy



Original Color
60, 22.574, 24.577

Protanomaly
60, 10.375, 39.167

Deuteranomaly
60, 15.482, 39.647

Tritanomaly
60, 23.103, 15.042

Monochromacy



Original Color
60, 22.574, 24.577

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 8.020, 24.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.574, 24.577 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(185, 131, 129)` looks like.

```
.text, #text, p{  
    color:rgb(185, 131, 129)  
}
```

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(185, 131, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 131, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.574, 24.577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

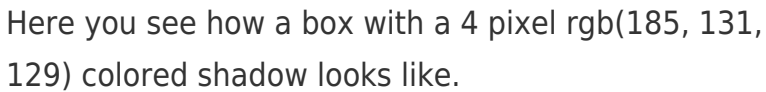
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 131, 129) }
```

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

```
.border{ border-color:rgb(185, 131, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 131, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 131, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 131, 129); box-shadow:4px 4px 4px 4px rgb(185, 131, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.574, 24.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 131, 129) }
```

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

```
.background{ background-color: rgb(185,  
131, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor