

Converting Colors

CIELCh(59, 25.430, 1.428)

Have a look what the booklet for
CIELCh(59, 25.430, 1.428) contains.

CIELCh(59, 25.743, 0.771)	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(59, 25.743, 0.771)

Conversions

Conversions Part 1

Format	Color
Hex	B97D8E
RGB	185, 125, 142
RGB Percent	73%, 49%, 56%
CMY	0.2736, 0.5089, 0.4423
CMYK	0.00, 0.32, 0.23, 0.27
HSL	343°, 30%, 61%
HSV	343°, 32%, 73%
XYZ	32.3271, 27.0277, 29.1928
YIQ	144.8780, 30.3030, 18.0070

Conversions

Conversions Part 2

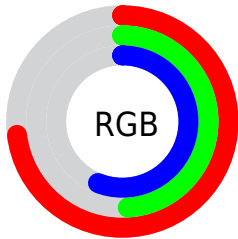
Format	Color
RYB	185, 125, 142
Decimal	12156302
CIELab	59.00, 25.74, 0.35
CIELCh	59, 25.743, 0.771
Yxy	27.0277, 0.3651, 0.3052
Android (android.graphics.Color)	4290346382 (0xFFB97D8E)
YUV	144.8780, -1.4189, 35.1870
Hunter-Lab	51.9882, 20.0147, 3.0989

Details

The CIELCh color $59, 25.743, 0.771$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 23.257, 173.951$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 25.876, 0.149$, and $39, 25.992, 0.755$ is the 20% darker color. If you saturate the color by 10%, you get $54, 34.032, 2.379$, and if you desaturate by 10%, it is $64, 17.515, 359.433$.

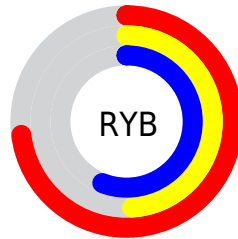
Distribution



Red (73%)

Green (49%)

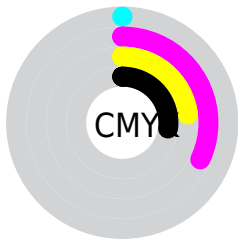
Blue (56%)



Red (73%)

Yellow (49%)

Blue (56%)

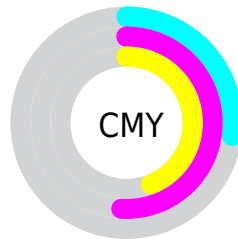


Cyan (0%)

Magenta (32%)

Yellow (23%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 25.743, 0.771 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 59, 25.743, 0.771 by changing the saturation by 10% instead.

 59, 25.743, 0.771  59, 25.743, 0.771

 100, 25.743, 0.771  49, 25.743, 0.771

 79, 25.743, 0.771  39, 25.743, 0.771



 89, 25.743, 0.771  29, 25.743, 0.771

 99, 25.743, 0.771  19, 25.743, 0.771

 9, 25.743, 0.771

 0, 25.743, 0.771

 59, 25.743, 0.771  59, 25.743, 0.771

 54, 34.032, 2.379  64, 17.515,
359.433

 50, 42.151, 4.345

47, 49.777, 6.799

69, 9.507, 358.280

43, 56.548, 9.900

74, 1.802, 357.097

41, 62.176, 13.809

79, 5.563, 176.576

40, 66.602, 18.619

84, 12.582,
175.769

39, 69.553, 22.621

90, 19.266,
175.073

95, 25.636,
174.450

95, 23.119,
189.553

96, 22.488,
198.032

Harmonies

Complementary

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



59, 25.743, 0.771



71, 23.257, 173.951

Rectangle

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



59, 25.743, 0.771



59, 25.743, 50.771



59, 25.743, 180.771



59, 25.743, 230.771

Sweetspot

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



59, 25.741, 0.774



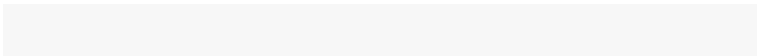
88, 9.411, 358.039



59, 37.302, 317.634



46, 6.435, 358.189



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 25.741, 0.774



71, 38.515, 1.904



62, 21.291, 40.919



36, 4.285, 357.949



32, 60.835, 21.776



2, 11.151, 2.709

Inverse Universe

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



59, 25.741, 0.774



71, 38.515, 1.904



68, 17.066, 223.279



36, 4.285, 357.949



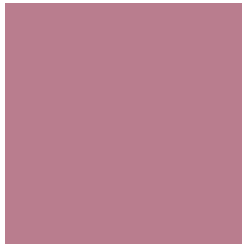
32, 60.835, 21.776



2, 11.151, 2.709

Previews

White Background



This preview shows how the CIELCh color 59, 25.743, 0.771 looks on a white background.

Color Contrast Check

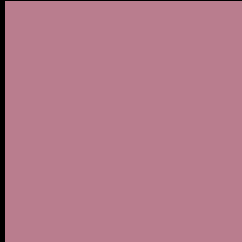
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 25.743, 0.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

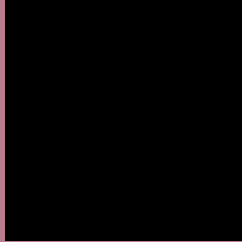
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 25.743, 0.771

Background



This preview shows how black text looks on a background with the CIELCh color 59, 25.743, 0.771.



This preview shows how white text looks on a background with the CIELCh color 59, 25.743, 0.771.

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

59, 25.743, 0.771

Protanopia

59, 6.257, 294.361

Deuteranopia

59, 7.651, 11.686



Tritanopia
59, 24.611, 9.141

Trichromacy



Original Color
59, 25.743, 0.771

Protanomaly
59, 11.629, 341.410

Deuteranomaly
59, 14.310, 2.635

Tritanomaly
59, 24.753, 6.576

Monochromacy



Original Color
59, 25.743, 0.771

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 9.337, 359.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 25.743, 0.771 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, 125, 142)` looks like.

```
.text, #text, p{  
    color:rgb(185, 125, 142)  
}
```

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, 125, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 125, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 25.743, 0.771 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, 125, 142) }
```

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

```
.border{ border-color:rgb(185, 125, 142) }
```

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

Here you see how a box with a 4 pixel rgb(185, 125, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 125, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 125, 142);  
box-shadow:4px 4px 4px 4px rgb(185, 125,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 25.743, 0.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 125, 142) }
```

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

```
.background{ background-color: rgb(185,  
125, 142) }
```

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