

Converting Colors

CIELCh(58, 33.857, 24.251)

Have a look what the booklet for
CIELCh(58, 33.857, 24.251) contains.

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Color

CIELCh(58, 33.803, 24.222)

Conversions

Conversions Part 1

Format	Color
Hex	C57675
RGB	197, 118, 117
RGB Percent	77%, 46%, 46%
CMY	0.2291, 0.5387, 0.5426
CMYK	0.00, 0.40, 0.41, 0.23
HSL	1°, 41%, 61%
HSV	1°, 41%, 77%
XYZ	32.5432, 25.9610, 20.0150
YIQ	141.5070, 47.4050, 16.4370

Conversions

Conversions Part 2

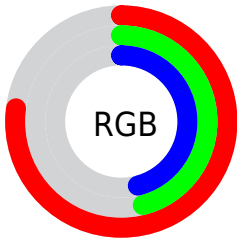
Format	Color
R_{YB}	197, 118, 117
Decimal	12940917
CIE _{Lab}	58.00, 30.83, 13.87
CIE _{LCh}	58, 33.803, 24.222
Yxy	25.9610, 0.4145, 0.3306
Android (android.graphics.Color)	4291130997 (0xFFC57675)
YUV	141.5070, -12.0820, 48.6674
Hunter-Lab	50.9519, 24.8428, 12.3760

Details

The CIELCh color **58, 33.803, 24.222** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **74, 25.299, 198.754**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 33.522, 24.106**, and **38, 33.560, 24.113** is the 20% darker color. If you saturate the color by 10%, you get **53, 43.460, 25.986**, and if you desaturate by 10%, it is **63, 24.593, 22.879**.

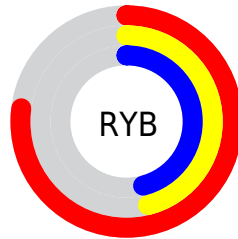
Distribution



Red (77%)

Green (46%)

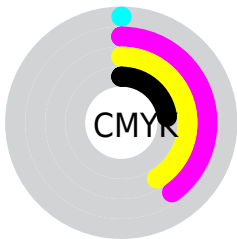
Blue (46%)



Red (77%)

Yellow (46%)

Blue (46%)

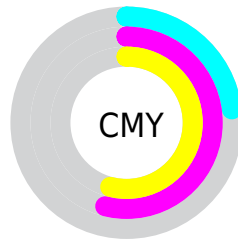


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (23%)



Cyan (23%)

Magenta (54%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 33.803, 24.222 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 58, 33.803, 24.222 by changing the saturation by 10% instead.

 58, 33.803, 24.222

 58, 33.803, 24.222

 100, 33.803,
24.222

 48, 33.803, 24.222

 78, 33.803, 24.222

 38, 33.803, 24.222

 88, 33.803, 24.222

 28, 33.803, 24.222

 98, 33.803, 24.222

 18, 33.803, 24.222

 8, 33.803, 24.222

 0, 33.803, 24.222

 58, 33.803, 24.222

 58, 33.803, 24.222

 53, 43.460, 25.986

 63, 24.593, 22.879

 49, 53.364, 28.261

 68, 15.950, 21.845

■ 46, 63.207, 31.110

■ 74, 7.914, 21.029

■ 43, 72.538, 34.428

■ 79, 0.477, 19.351

■ 42, 80.485, 37.695

■ 85, 6.399, 200.115

■ 41, 85.807, 40.121

■ 90, 12.764,
199.707

■ 96, 18.673,
199.406

■ 96, 19.136,
198.242

Harmonies

Complementary

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



58, 33.803, 24.222



74, 25.299, 198.754

Rectangle

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



58, 33.803, 24.222



58, 33.803, 74.222



58, 33.803, 204.222



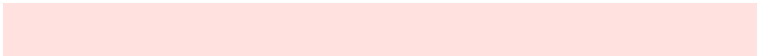
58, 33.803, 254.222

Sweetspot

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



58, 33.801, 24.226



92, 11.063, 21.144



60, 52.088, 326.596



48, 7.377, 21.246



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 33.801, 24.226



69, 51.777, 25.806



67, 28.193, 70.369



39, 4.226, 20.933



34, 74.473, 39.942



3, 15.760, 20.056

Inverse Universe

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



74, 25.299, 198.754



93, 35.943, 198.505



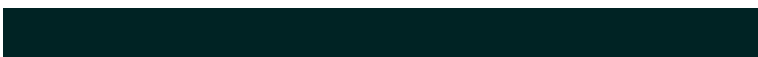
63, 25.113, 262.429



41, 3.983, 200.069



60, 35.264, 198.316



12, 12.806, 197.884

Previews

White Background



This preview shows how the CIELCh color 58, 33.803, 24.222 looks on a white background.

Color Contrast Check

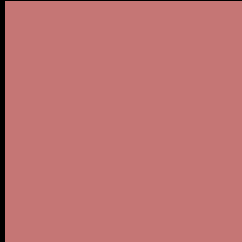
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 33.803, 24.222 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 58, 33.803, 24.222

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.803, 24.222.

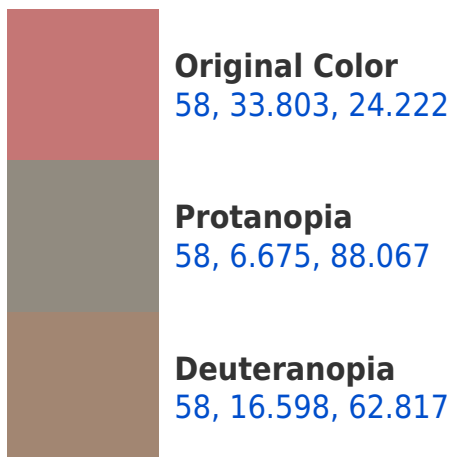


This preview shows how white text looks on a background with the CIELCh color 58, 33.803, 24.222.

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





Tritanopia
58, 34.029, 15.132

Trichromacy



Original Color
58, 33.803, 24.222

Protanomaly
58, 14.383, 36.612

Deuteranomaly
58, 21.667, 40.932

Tritanomaly
58, 33.735, 18.725

Monochromacy



Original Color
58, 33.803, 24.222

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 11.436, 23.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.803, 24.222 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(197, 118, 117)` looks like.

```
.text, #text, p{  
    color:rgb(197, 118, 117)  
}
```

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(197, 118, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 118, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.803, 24.222 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(197, 118, 117) }
```

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

```
.border{ border-color:rgb(197, 118, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 118, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 118, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 118, 117);  
box-shadow:4px 4px 4px 4px rgb(197, 118,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.803, 24.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 118, 117) }
```

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

```
.background{ background-color: rgb(197,  
118, 117) }
```

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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