

Converting Colors

CIELCh(58, 37.731, 37.005)

Have a look what the booklet for
CIELCh(58, 37.731, 37.005) contains.

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Color

CIELCh(58, 37.738, 37.533)

Conversions

Conversions Part 1

Format	Color
Hex	C77665
RGB	199, 118, 101
RGB Percent	78%, 46%, 40%
CMY	0.2205, 0.5380, 0.6046
CMYK	0.00, 0.41, 0.49, 0.22
HSL	10°, 47%, 59%
HSV	10°, 49%, 78%
XYZ	32.2924, 25.9610, 15.5743
YIQ	140.2810, 53.7330, 11.8850

Conversions

Conversions Part 2

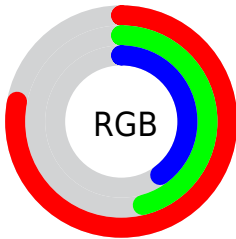
Format	Color
RYB	199, 122, 101
Decimal	13071973
CIELab	58.00, 29.93, 22.99
CIElCh	58, 37.738, 37.533
Yxy	25.9610, 0.4374, 0.3516
Android (android.graphics.Color)	4291262053 (0xFFC77665)
YUV	140.2810, -19.3655, 51.4966
Hunter-Lab	50.9519, 23.9643, 17.5433

Details

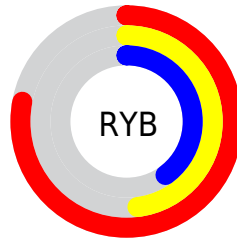
The CIELCh color **58, 37.738, 37.533** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 25.916, 218.924**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 36.365, 38.027**, and **38, 37.922, 37.439** is the 20% darker color. If you saturate the color by 10%, you get **54, 47.123, 38.387**, and if you desaturate by 10%, it is **62, 28.895, 36.948**.

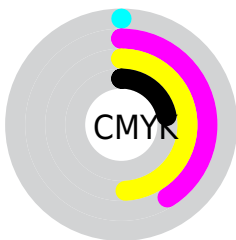
Distribution



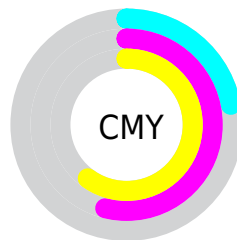
- Red (78%)
- Green (46%)
- Blue (40%)



- Red (78%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)
- Black (22%)



- Cyan (22%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 37.738, 37.533 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, 37.738, 37.533 by changing the saturation by 10% instead.

■ 58, 37.738, 37.533

■ 58, 37.738, 37.533

■ 100, 37.738,
37.533

■ 48, 37.738, 37.533

■ 78, 37.738, 37.533

■ 38, 37.738, 37.533

■ 88, 37.738, 37.533

■ 28, 37.738, 37.533

■ 98, 37.738, 37.533

■ 18, 37.738, 37.533

■ 8, 37.738, 37.533

■ 0, 37.738, 37.533

■ 58, 37.738, 37.533

■ 58, 37.738, 37.533

■ 54, 47.123, 38.387

■ 62, 28.895, 36.948

■ 51, 56.893, 39.504

■ 67, 20.664, 36.580

48, 66.687, 40.798

71, 13.050, 36.386

45, 75.708, 41.945

76, 6.027, 36.300

43, 82.778, 42.546

81, 0.450, 217.675

43, 83.271, 42.632

85, 6.432, 216.695

90, 11.976,
216.863

95, 16.746,
208.636

96, 18.471,
198.284

Harmonies

Complementary

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



58, 37.738, 37.533



70, 25.916, 218.924

Rectangle

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



58, 37.738, 37.533



58, 37.738, 87.533



58, 37.738, 217.533



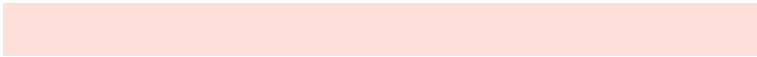
58, 37.738, 267.533

Sweetspot

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



58, 37.736, 37.537



91, 12.218, 36.344



57, 56.118, 332.505



47, 8.410, 36.364



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, 37.736, 37.537



68, 57.526, 38.446



70, 38.264, 84.626



39, 3.685, 36.301



35, 71.563, 42.908



5, 14.353, 29.424

Inverse Universe

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



70, 25.916, 218.924



85, 35.730, 220.250



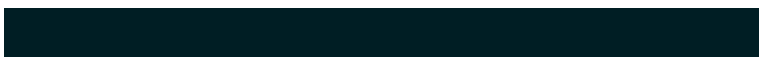
56, 38.082, 280.048



41, 3.474, 216.691



52, 31.195, 229.419



9, 11.268, 221.567

Previews

White Background



This preview shows how the CIELCh color 58, 37.738, 37.533 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 58, 37.738, 37.533 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, 37.738, 37.533

Background



This preview shows how black text looks on a background with the CIELCh color 58, 37.738, 37.533.



This preview shows how white text looks on a background with the CIELCh color 58, 37.738, 37.533.

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

58, 37.738, 37.533

Protanopia

58, 16.797, 95.122

Deuteranopia

58, 25.314, 72.539



Tritanopia
58, 35.776, 16.682

Trichromacy



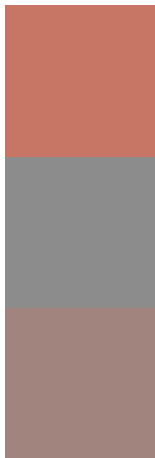
Original Color
58, 37.738, 37.533

Protanomaly
58, 21.040, 62.182

Deuteranomaly
58, 28.515, 55.641

Tritanomaly
58, 36.070, 24.476

Monochromacy



Original Color
58, 37.738, 37.533

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 12.519, 36.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 37.738, 37.533 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(199, 118, 101)` looks like.

```
.text, #text, p{  
    color:rgb(199, 118, 101)  
}
```

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(199, 118, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 118, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 37.738, 37.533 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(199, 118, 101) }
```

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

```
.border{ border-color:rgb(199, 118, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 118, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 118, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 118, 101);  
box-shadow:4px 4px 4px 4px rgb(199, 118,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 37.738, 37.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 118, 101) }
```

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

```
.background{ background-color: rgb(199,  
118, 101) }
```

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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