

Converting Colors

CIELCh(58, 41.400, 52.853)

Have a look what the booklet for
CIELCh(58, 41.400, 52.853) contains.

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Color

CIELCh(58, 41.302, 52.578)

Conversions

Conversions Part 1

Format	Color
Hex	C37953
RGB	195, 121, 83
RGB Percent	76%, 47%, 33%
CMY	0.2346, 0.5249, 0.6740
CMYK	0.00, 0.38, 0.57, 0.23
HSL	20°, 48%, 55%
HSV	20°, 57%, 77%
XYZ	30.9703, 25.9610, 11.5901
YIQ	138.7940, 56.3020, 3.8700

Conversions

Conversions Part 2

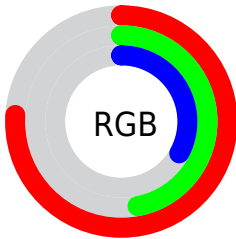
Format	Color
RYB	195, 141, 83
Decimal	12810579
CIELab	58.00, 25.10, 32.80
CIELCh	58, 41.302, 52.578
Yxy	25.9610, 0.4520, 0.3789
Android (android.graphics.Color)	4291000659 (0xFFC37953)
YUV	138.7940, -27.5064, 49.2927
Hunter-Lab	50.9519, 19.3326, 22.1796

Details

The CIELCh color **58, 41.302, 52.578** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **62, 29.136, 245.786**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 41.502, 52.683**, and **38, 40.874, 52.901** is the 20% darker color. If you saturate the color by 10%, you get **55, 50.065, 52.153**, and if you desaturate by 10%, it is **61, 32.925, 53.073**.

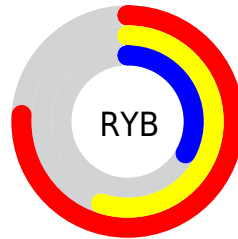
Distribution



Red (76%)

Green (47%)

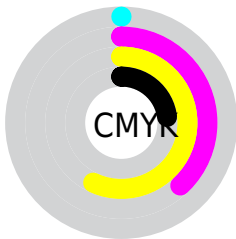
Blue (33%)



Red (76%)

Yellow (55%)

Blue (33%)

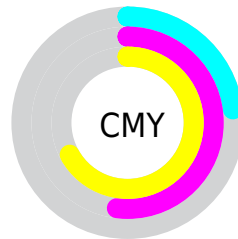


Cyan (0%)

Magenta (38%)

Yellow (57%)

Black (23%)



Cyan (23%)

Magenta (52%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 41.302, 52.578 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, 41.302, 52.578 by changing the saturation by 10% instead.

 58, 41.302, 52.578

 58, 41.302, 52.578

 100, 41.302,
52.578

 48, 41.302, 52.578

 78, 41.302, 52.578

 38, 41.302, 52.578

 88, 41.302, 52.578

 28, 41.302, 52.578

 98, 41.302, 52.578

 18, 41.302, 52.578

 8, 41.302, 52.578

 0, 41.302, 52.578

 58, 41.302, 52.578

 58, 41.302, 52.578

 55, 50.065, 52.153

 61, 32.925, 53.073

 52, 58.938, 51.694

 65, 25.046, 53.650

49, 67.289, 50.970

68, 17.687, 54.305

47, 74.078, 49.596

72, 10.833, 55.019

46, 75.779, 49.318

76, 4.446, 55.736

80, 1.516, 236.969

84, 7.101, 237.554

88, 12.352,
238.362

91, 16.265,
233.397

Harmonies

Complementary

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



58, 41.302, 52.578



62, 29.136, 245.786

Rectangle

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



58, 41.302, 52.578



58, 41.302, 102.578



58, 41.302, 232.578



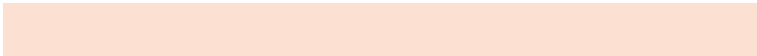
58, 41.302, 282.578

Sweetspot

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



58, 41.301, 52.582



91, 13.036, 55.029



52, 56.538, 340.548



48, 8.856, 54.879



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, 41.301, 52.582



69, 63.640, 52.039



72, 49.621, 95.741



39, 3.410, 55.603



38, 65.259, 49.841



5, 11.727, 42.243

Inverse Universe

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



62, 29.136, 245.786



74, 41.074, 249.847



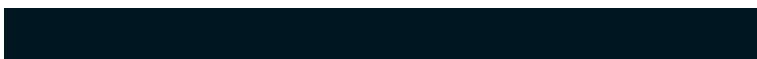
46, 55.267, 292.233



39, 3.260, 237.373



43, 36.838, 262.483



6, 10.878, 251.253

Previews

White Background



This preview shows how the CIELCh color 58, 41.302, 52.578 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, 41.302, 52.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

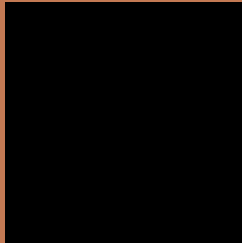
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 41.302, 52.578

Background



This preview shows how black text looks on a background with the CIELCh color 58, 41.302, 52.578.



This preview shows how white text looks on a background with the CIELCh color 58, 41.302, 52.578.

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, 41.302, 52.578

Protanopia

58, 28.483, 96.114

Deuteranopia

58, 34.138, 77.033



Tritanopia
58, 34.476, 16.218

Trichromacy



Original Color
58, 41.302, 52.578

Protanomaly
58, 30.227, 75.663

Deuteranomaly
58, 35.717, 67.167

Tritanomaly
58, 35.063, 31.338

Monochromacy



Original Color
58, 41.302, 52.578

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 13.602, 55.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 41.302, 52.578 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(195, 121, 83)` looks like.

```
.text, #text, p{  
    color:rgb(195, 121, 83)  
}
```

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(195, 121, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 121, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 41.302, 52.578 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(195, 121, 83) }
```

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

```
.border{ border-color:rgb(195, 121, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 121, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 121, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 121, 83);  
box-shadow:4px 4px 4px 4px rgb(195, 121,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 41.302, 52.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 121, 83) }
```

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

```
.background{ background-color: rgb(195,  
121, 83) }
```

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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