

Converting Colors

CIELCh(60, 37.041, 51.290)

Have a look what the booklet for
CIELCh(60, 37.041, 51.290) contains.

CIELCh(60, 36.973, 51.299)	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, 36.973, 51.299)

Conversions

Conversions Part 1

Format	Color
Hex	C5805F
RGB	197, 128, 95
RGB Percent	77%, 50%, 37%
CMY	0.2276, 0.4981, 0.6275
CMYK	0.00, 0.35, 0.52, 0.23
HSL	19°, 47%, 57%
HSV	19°, 52%, 77%
XYZ	32.7982, 28.1233, 14.5201
YIQ	144.8690, 51.7170, 4.3650

Conversions

Conversions Part 2

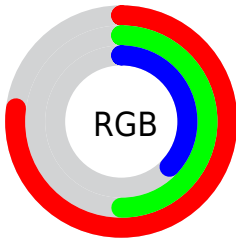
Format	Color
RYB	197, 144, 95
Decimal	12943455
CIELab	60.00, 23.12, 28.85
CIELCh	60, 36.973, 51.299
Yxy	28.1233, 0.4347, 0.3728
Android (android.graphics.Color)	4291133535 (0xFFC5805F)
YUV	144.8690, -24.5854, 45.7189
Hunter-Lab	53.0314, 17.5913, 20.8884

Details

The CIELCh color **60, 36.973, 51.299** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **64, 26.777, 241.956**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 36.511, 51.409**, and **40, 37.012, 51.117** is the 20% darker color. If you saturate the color by 10%, you get **57, 45.681, 50.961**, and if you desaturate by 10%, it is **64, 28.746, 51.741**.

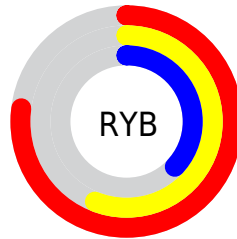
Distribution



Red (77%)

Green (50%)

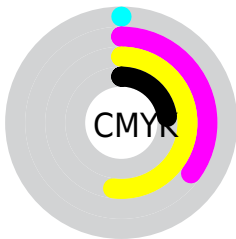
Blue (37%)



Red (77%)

Yellow (56%)

Blue (37%)

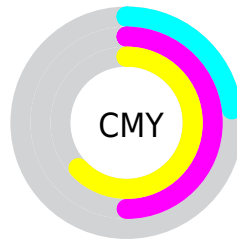


Cyan (0%)

Magenta (35%)

Yellow (52%)

Black (23%)



Cyan (23%)

Magenta (50%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 36.973, 51.299 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, 36.973, 51.299 by changing the saturation by 10% instead.

60, 36.973, 51.299

60, 36.973, 51.299

100, 36.973,
51.299

50, 36.973, 51.299

80, 36.973, 51.299

40, 36.973, 51.299

90, 36.973, 51.299

30, 36.973, 51.299

20, 36.973, 51.299

10, 36.973, 51.299

0, 36.973, 51.299

60, 36.973, 51.299

60, 36.973, 51.299

57, 45.681, 50.961

64, 28.746, 51.741

54, 54.705, 50.669

67, 21.057, 52.275

51, 63.636, 50.285

71, 13.901, 52.888

48, 71.598, 49.468

75, 7.248, 53.547

46, 76.984, 48.455

79, 1.054, 53.890

83, 4.726, 235.224

87, 10.141,
235.953

91, 15.234,
236.726

94, 16.963,
210.944

Harmonies

Complementary

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



60, 36.973, 51.299



64, 26.777, 241.956

Rectangle

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



60, 36.973, 51.299



60, 36.973, 101.299



60, 36.973, 231.299



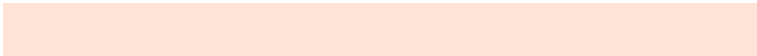
60, 36.973, 281.299

Sweetspot

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



60, 36.972, 51.304



92, 12.337, 53.251



55, 52.703, 339.131



48, 8.394, 53.113



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 36.972, 51.304



72, 56.751, 50.926



73, 44.779, 95.339



40, 3.486, 53.702



38, 66.621, 48.939



6, 13.443, 39.796

Inverse Universe

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



64, 26.777, 241.956



78, 37.813, 245.011



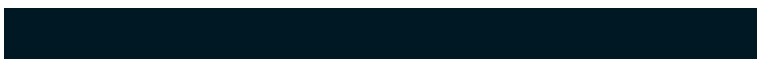
50, 48.679, 290.026



40, 3.325, 235.365



44, 36.282, 259.858



7, 11.572, 248.726

Previews

White Background



This preview shows how the CIELCh color 60, 36.973, 51.299 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 60, 36.973, 51.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

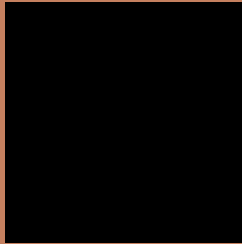
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 36.973, 51.299

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.973, 51.299.



This preview shows how white text looks on a background with the CIELCh color 60, 36.973, 51.299.

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
60, 32.057, 14.240

Trichromacy



Original Color
60, 36.973, 51.299

Protanomaly
60, 26.777, 75.742

Deuteranomaly
60, 32.070, 65.422

Tritanomaly
60, 31.965, 28.720

Monochromacy



Original Color
60, 36.973, 51.299

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 12.423, 52.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.973, 51.299 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, 128, 95)` looks like.

```
.text, #text, p{  
    color:rgb(197, 128, 95)  
}
```

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, 128, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 128, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.973, 51.299 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, 128, 95) }
```

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

```
.border{ border-color:rgb(197, 128, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 128, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 128, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 128, 95);  
box-shadow:4px 4px 4px 4px rgb(197, 128,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.973, 51.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 128, 95) }
```

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

```
.background{ background-color: rgb(197,  
128, 95) }
```

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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