

Converting Colors

CIELCh(60, 39.095, 77.454)

Have a look what the booklet for
CIELCh(60, 39.095, 77.454) contains.

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Color

CIELCh(60, 39.201, 77.595)

Conversions

Conversions Part 1

Format	Color
Hex	B38A4D
RGB	179, 138, 77
RGB Percent	70%, 54%, 30%
CMY	0.2998, 0.4604, 0.6995
CMYK	0.00, 0.23, 0.57, 0.30
HSL	36°, 40%, 50%
HSV	36°, 57%, 70%
XYZ	28.8453, 28.1233, 10.8591
YIQ	143.3050, 44.0170, -10.2790

Conversions

Conversions Part 2

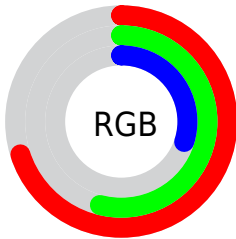
Format	Color
R_{YB}	146, 179, 77
Decimal	11766349
CIE _{Lab}	60.00, 8.42, 38.29
CIE _{LCh}	60, 39.201, 77.595
Yxy	28.1233, 0.4253, 0.4146
Android (android.graphics.Color)	4289956429 (0xFFB38A4D)
YUV	143.3050, -32.6884, 31.3045
Hunter-Lab	53.0314, 4.2861, 24.9814

Details

The CIELCh color **60, 39.201, 77.595** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **49, 36.902, 276.569**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 39.355, 77.497**, and **40, 39.129, 77.585** is the 20% darker color. If you saturate the color by 10%, you get **58, 46.283, 76.087**, and if you desaturate by 10%, it is **62, 32.005, 79.032**.

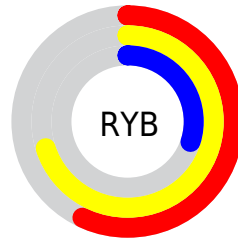
Distribution



Red (70%)

Green (54%)

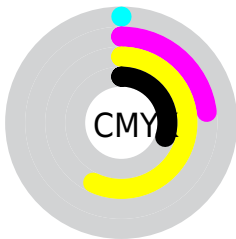
Blue (30%)



Red (57%)

Yellow (70%)

Blue (30%)

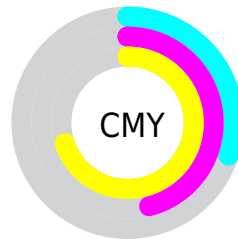


Cyan (0%)

Magenta (23%)

Yellow (57%)

Black (30%)



Cyan (30%)

Magenta (46%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 39.201, 77.595 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, 39.201, 77.595 by changing the saturation by 10% instead.

60, 39.201, 77.595

60, 39.201, 77.595

100, 39.201,
77.595

50, 39.201, 77.595

80, 39.201, 77.595

40, 39.201, 77.595

90, 39.201, 77.595

30, 39.201, 77.595

20, 39.201, 77.595

10, 39.201, 77.595

0, 39.201, 77.595

60, 39.201, 77.595

60, 39.201, 77.595

58, 46.283, 76.087

62, 32.005, 79.032

56, 52.903, 74.425

64, 24.876, 80.418

■ 54, 58.468, 72.467

■ 67, 17.904, 81.765

■ 52, 62.325, 70.021

■ 69, 11.122, 83.073

■ 52, 63.383, 69.321

■ 71, 4.540, 84.318

■ 73, 1.849, 265.759

■ 76, 8.056, 266.839

■ 78, 14.098,
267.968

■ 81, 19.990,
269.055

Harmonies

Complementary

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



60, 39.201, 77.595



49, 36.902, 276.569

Rectangle

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



60, 39.201, 77.595



60, 39.201, 127.595



60, 39.201, 257.595



60, 39.201, 307.595

Sweetspot

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



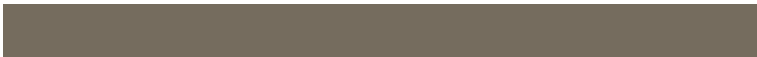
60, 39.201, 77.599



87, 13.696, 83.047



47, 46.012, 355.625



46, 9.264, 82.792



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 39.201, 77.599



73, 58.886, 75.595



70, 52.864, 108.909



37, 3.640, 84.050



45, 56.520, 69.767



5, 7.953, 73.961

Inverse Universe

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



49, 36.902, 276.569



57, 55.511, 280.808



39, 62.039, 300.698



36, 3.612, 266.529



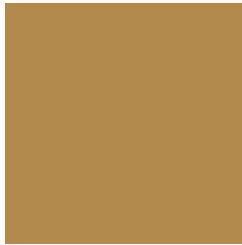
29, 58.575, 291.674



3, 9.575, 272.930

Previews

White Background



This preview shows how the CIELCh color 60, 39.201, 77.595 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 60, 39.201, 77.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

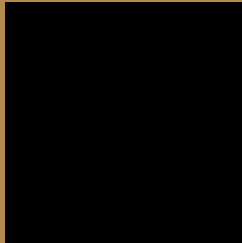
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 39.201, 77.595

Background



This preview shows how black text looks on a background with the CIELCh color 60, 39.201, 77.595.



This preview shows how white text looks on a background with the CIELCh color 60, 39.201, 77.595.

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

60, 39.201, 77.595

Protanopia

60, 36.871, 96.141

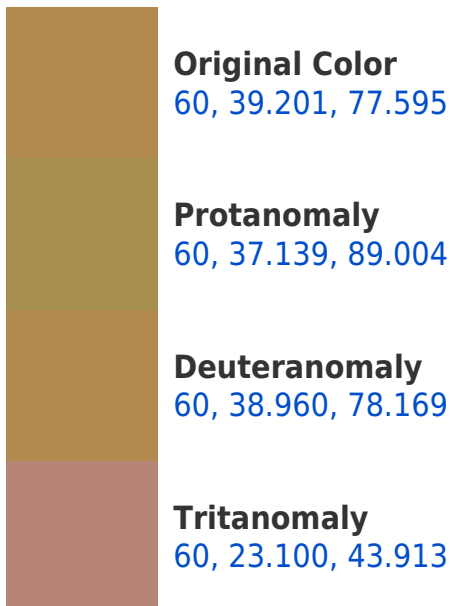
Deuteranopia

60, 38.960, 78.169



Tritanopia
60, 22.477, 7.578

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 39.201, 77.595 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(179, 138, 77)` looks like.

```
.text, #text, p{  
    color:rgb(179, 138, 77)  
}
```

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(179, 138, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 138, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 39.201, 77.595 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(179, 138, 77) }
```

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

```
.border{ border-color:rgb(179, 138, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 138, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 138, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 138, 77);  
box-shadow:4px 4px 4px 4px rgb(179, 138,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 39.201, 77.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 138, 77) }
```

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

```
.background{ background-color: rgb(179,  
138, 77) }
```

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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