

Converting Colors

CIELCh(60, 63.655, 60.751)

Have a look what the booklet for
CIELCh(60, 63.655, 60.751) contains.

CIELCh(60, 63.440, 61.029)	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, 63.440, 61.029)

Conversions

Conversions Part 1

Format	Color
Hex	D6792B
RGB	214, 121, 43
RGB Percent	84%, 47%, 17%
CMY	0.1610, 0.5257, 0.8316
CMYK	0.00, 0.43, 0.80, 0.16
HSL	27°, 68%, 50%
HSV	27°, 80%, 84%
XYZ	34.9801, 28.1233, 5.8652
YIQ	139.9150, 80.4660, -4.5420

Conversions

Conversions Part 2

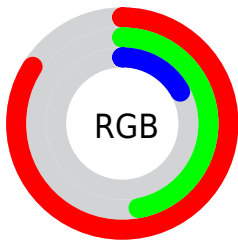
Format	Color
RYB	214, 186, 43
Decimal	14055723
CIELab	60.00, 30.73, 55.50
CIElCh	60, 63.440, 61.029
Yxy	28.1233, 0.5072, 0.4078
Android (android.graphics.Color)	4292245803 (0xFFD6792B)
YUV	139.9150, -47.7791, 64.9725
Hunter-Lab	53.0314, 24.9356, 30.5646

Details

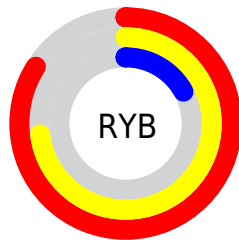
The CIELCh color **60, 63.440, 61.029** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **55, 47.532, 270.572**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 56.286, 66.795**, and **40, 58.938, 58.328** is the 20% darker color. If you saturate the color by 10%, you get **57, 70.792, 59.203**, and if you desaturate by 10%, it is **63, 54.957, 62.415**.

Distribution



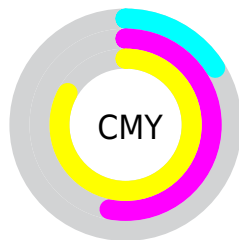
- Red (84%)
- Green (47%)
- Blue (17%)



- Red (84%)
- Yellow (73%)
- Blue (17%)



- Cyan (0%)
- Magenta (43%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (53%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 63.440, 61.029 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, 63.440, 61.029 by changing the saturation by 10% instead.

60, 63.440, 61.029

60, 63.440, 61.029

100, 63.440,
61.029

50, 63.440, 61.029

80, 63.440, 61.029

40, 63.440, 61.029

90, 63.440, 61.029

30, 63.440, 61.029

20, 63.440, 61.029

10, 63.440, 61.029

0, 63.440, 61.029

60, 63.440, 61.029

60, 63.440, 61.029

57, 70.792, 59.203

63, 54.957, 62.415

55, 76.305, 56.747

66, 46.176, 63.616

55, 76.347, 56.731

69, 37.529, 64.762

72, 29.211, 65.902

75, 21.295, 67.049

79, 13.792, 68.199

82, 6.685, 69.326

86, 0.058, 257.916

89, 6.470, 251.738

Harmonies

Complementary

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



60, 63.440, 61.029



55, 47.532, 270.572

Rectangle

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



60, 63.440, 61.029



60, 63.440, 111.029



60, 63.440, 241.029



60, 63.440, 291.029

Sweetspot

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



60, 63.438, 61.032



90, 19.386, 67.703



49, 71.173, 351.506



47, 13.451, 67.289



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, 63.438, 61.032



66, 85.239, 57.422



81, 75.522, 100.602



43, 3.822, 69.381



44, 64.303, 57.364



9, 17.103, 54.058

Inverse Universe

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



55, 47.532, 270.572



59, 64.735, 278.537



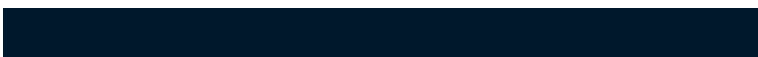
34, 97.854, 302.587



43, 3.714, 251.765



39, 48.689, 279.123



7, 16.119, 268.229

Previews

White Background



This preview shows how the CIELCh color 60, 63.440, 61.029 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, 63.440, 61.029 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, 63.440, 61.029

Background



This preview shows how black text looks on a background with the CIELCh color 60, 63.440, 61.029.



This preview shows how white text looks on a background with the CIELCh color 60, 63.440, 61.029.

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, 63.440, 61.029

Protanopia

60, 51.227, 95.474

Deuteranopia

60, 56.945, 82.536



Tritanopia
60, 44.191, 19.206

Trichromacy



Original Color
60, 63.440, 61.029

Protanomaly
60, 52.683, 80.741

Deuteranomaly
60, 58.388, 73.985

Tritanomaly
60, 48.108, 39.146

Monochromacy



Original Color
60, 63.440, 61.029

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 21.968, 65.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 63.440, 61.029 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(214, 121, 43)` looks like.

```
.text, #text, p{  
    color:rgb(214, 121, 43)  
}
```

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(214, 121, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 121, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 63.440, 61.029 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(214, 121, 43) }
```

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

```
.border{ border-color:rgb(214, 121, 43) }
```

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

Here you see how a box with a 4 pixel rgb(214, 121, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 121, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 121, 43);  
box-shadow:4px 4px 4px 4px rgb(214, 121,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 63.440, 61.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 121, 43) }
```

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

```
.background{ background-color: rgb(214,  
121, 43) }
```

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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