

Converting Colors

CIELCh(60, 53.194, 41.099)

Have a look what the booklet for
CIELCh(60, 53.194, 41.099) contains.

CIELCh(60, 53.229, 40.988)	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, 53.229, 40.988)

Conversions

Conversions Part 1

Format	Color
Hex	DE7155
RGB	222, 113, 85
RGB Percent	87%, 44%, 33%
CMY	0.1280, 0.5557, 0.6656
CMYK	0.00, 0.49, 0.62, 0.13
HSL	12°, 68%, 60%
HSV	12°, 62%, 87%
XYZ	37.8219, 28.1233, 12.0874
YIQ	142.3990, 73.9520, 14.4000

Conversions

Conversions Part 2

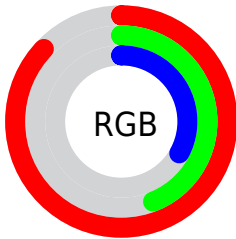
Format	Color
R_{YB}	222, 120, 85
Decimal	14578005
CIE _{Lab}	60.00, 40.18, 34.91
CIE _{LCh}	60, 53.229, 40.988
Yxy	28.1233, 0.4847, 0.3604
Android (android.graphics.Color)	4292768085 (0xFFDE7155)
YUV	142.3990, -28.2977, 69.8101
Hunter-Lab	53.0314, 34.5007, 23.6081

Details

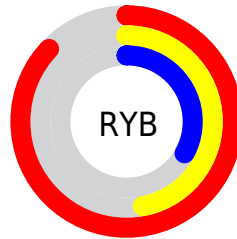
The CIELCh color **60, 53.229, 40.988** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **74, 32.660, 225.521**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 41.666, 45.881**, and **40, 53.169, 41.019** is the 20% darker color. If you saturate the color by 10%, you get **56, 63.867, 41.855**, and if you desaturate by 10%, it is **64, 42.958, 40.337**.

Distribution



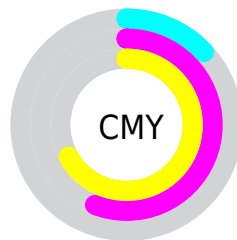
- Red (87%)
- Green (44%)
- Blue (33%)



- Red (87%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (13%)



- Cyan (13%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 53.229, 40.988 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, 53.229, 40.988 by changing the saturation by 10% instead.

60, 53.229, 40.988

60, 53.229, 40.988

100, 53.229,
40.988

50, 53.229, 40.988

80, 53.229, 40.988

40, 53.229, 40.988

90, 53.229, 40.988

30, 53.229, 40.988

20, 53.229, 40.988

10, 53.229, 40.988

0, 53.229, 40.988

60, 53.229, 40.988

60, 53.229, 40.988

56, 63.867, 41.855

64, 42.958, 40.337

53, 74.392, 42.785

68, 33.274, 39.912

51, 83.711, 43.358

73, 24.254, 39.692

49, 89.669, 43.347

78, 15.909, 39.637

83, 8.212, 39.696

88, 1.113, 39.435

93, 5.445, 220.341

98, 10.974,
199.266

98, 11.038,
198.769

Harmonies

Complementary

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



60, 53.229, 40.988



74, 32.660, 225.521

Rectangle

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



60, 53.229, 40.988



60, 53.229, 90.988



60, 53.229, 220.988



60, 53.229, 270.988

Sweetspot

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



60, 53.227, 40.991



90, 14.569, 39.649



58, 72.397, 334.747



46, 10.249, 39.638



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, 53.227, 40.991



63, 74.290, 42.131



76, 53.530, 85.499



44, 3.997, 39.713



39, 74.894, 43.731



8, 22.275, 32.488

Inverse Universe

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



74, 32.660, 225.521



81, 40.169, 228.436



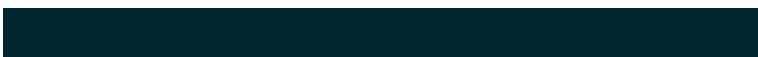
54, 55.456, 285.957



46, 3.770, 220.383



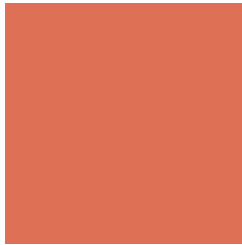
54, 33.327, 236.387



13, 13.545, 229.142

Previews

White Background



This preview shows how the CIELCh color 60, 53.229, 40.988 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, 53.229, 40.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

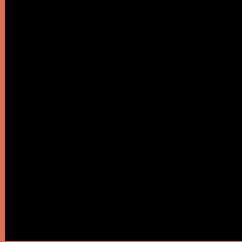
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 53.229, 40.988

Background



This preview shows how black text looks on a background with the CIELCh color 60, 53.229, 40.988.



This preview shows how white text looks on a background with the CIELCh color 60, 53.229, 40.988.

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



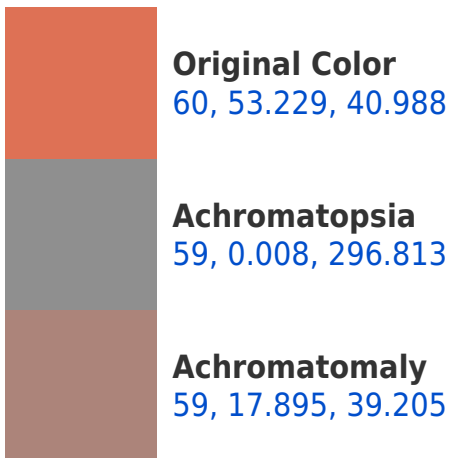


Tritanopia
60, 48.551, 20.420

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 53.229, 40.988 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(222, 113, 85)` looks like.

```
.text, #text, p{  
    color:rgb(222, 113, 85)  
}
```

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(222, 113, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 113, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 53.229, 40.988 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(222, 113, 85) }
```

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

```
.border{ border-color:rgb(222, 113, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 113, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 113, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 113, 85);  
box-shadow:4px 4px 4px 4px rgb(222, 113,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 53.229, 40.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 113, 85) }
```

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

```
.background{ background-color: rgb(222,  
113, 85) }
```

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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