

Converting Colors

CIELCh(60, 42.277, 39.680)

Have a look what the booklet for
CIELCh(60, 42.277, 39.680) contains.

CIELCh(60, 42.295, 39.863)	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, 42.295, 39.863)

Conversions

Conversions Part 1

Format	Color
Hex	D27963
RGB	210, 121, 99
RGB Percent	82%, 47%, 39%
CMY	0.1781, 0.5269, 0.6131
CMYK	0.00, 0.42, 0.53, 0.18
HSL	12°, 55%, 60%
HSV	12°, 53%, 82%
XYZ	35.4912, 28.1233, 15.2769
YIQ	145.1030, 60.1060, 12.0260

Conversions

Conversions Part 2

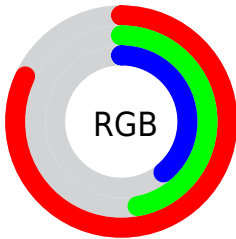
Format	Color
R_{YB}	210, 126, 99
Decimal	13793635
CIE _{Lab}	60.00, 32.46, 27.11
CIE _{LCh}	60, 42.295, 39.863
Yxy	28.1233, 0.4499, 0.3565
Android (android.graphics.Color)	4291983715 (0xFFD27963)
YUV	145.1030, -22.7288, 56.9147
Hunter-Lab	53.0314, 26.6557, 20.0422

Details

The CIELCh color **60, 42.295, 39.863** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 28.194, 223.047**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 36.253, 42.189**, and **40, 42.365, 40.117** is the 20% darker color. If you saturate the color by 10%, you get **56, 52.161, 40.601**, and if you desaturate by 10%, it is **64, 32.963, 39.370**.

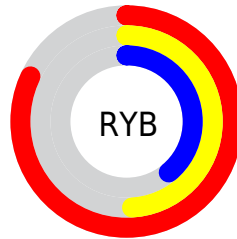
Distribution



Red (82%)

Green (47%)

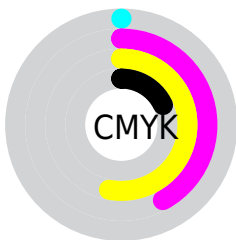
Blue (39%)



Red (82%)

Yellow (49%)

Blue (39%)

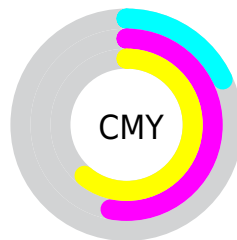


Cyan (0%)

Magenta (42%)

Yellow (53%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 42.295, 39.863 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, 42.295, 39.863 by changing the saturation by 10% instead.

60, 42.295, 39.863

60, 42.295, 39.863

100, 42.295,
39.863

50, 42.295, 39.863

80, 42.295, 39.863

40, 42.295, 39.863

90, 42.295, 39.863

30, 42.295, 39.863

20, 42.295, 39.863

10, 42.295, 39.863

0, 42.295, 39.863

60, 42.295, 39.863

60, 42.295, 39.863

56, 52.161, 40.601

64, 32.963, 39.370

53, 62.344, 41.544

69, 24.259, 39.088

50, 72.340, 42.538

73, 16.200, 38.979

47, 81.030, 43.120

78, 8.763, 38.995

46, 85.895, 43.244

83, 1.904, 38.916

87, 4.431, 219.572

92, 10.298,
219.792

97, 15.128,
198.498

Harmonies

Complementary

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



60, 42.295, 39.863



72, 28.194, 223.047

Rectangle

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



60, 42.295, 39.863



60, 42.295, 89.863



60, 42.295, 219.863



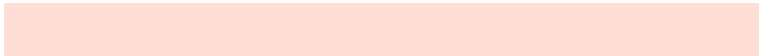
60, 42.295, 269.863

Sweetspot

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



60, 42.293, 39.867



91, 12.889, 38.980



58, 61.657, 333.408



47, 8.777, 38.975



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, 42.293, 39.867



67, 62.581, 40.757



73, 43.440, 85.449



42, 3.784, 39.012



37, 72.581, 43.616



6, 17.792, 30.337

Inverse Universe

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



72, 28.194, 223.047



83, 37.255, 225.054



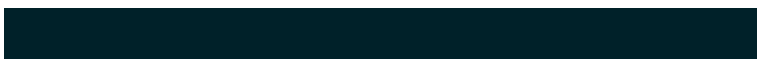
56, 43.855, 282.270



43, 3.569, 219.623



52, 32.138, 234.878



11, 12.198, 226.544

Previews

White Background



This preview shows how the CIELCh color 60, 42.295, 39.863 looks on a white background.

Color Contrast Check

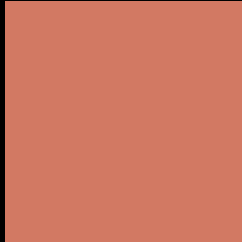
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.295, 39.863 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, 42.295, 39.863

Background



This preview shows how black text looks on a background with the CIELCh color 60, 42.295, 39.863.



This preview shows how white text looks on a background with the CIELCh color 60, 42.295, 39.863.

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, 39.830, 17.902

Trichromacy



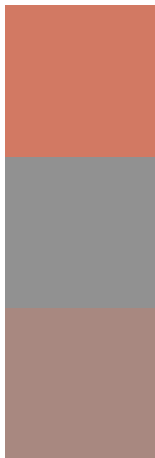
Original Color
60, 42.295, 39.863

Protanomaly
60, 24.749, 64.549

Deuteranomaly
60, 32.530, 58.746

Tritanomaly
60, 40.097, 26.305

Monochromacy



Original Color
60, 42.295, 39.863

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 14.067, 39.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 42.295, 39.863 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(210, 121, 99)` looks like.

```
.text, #text, p{  
    color:rgb(210, 121, 99)  
}
```

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(210, 121, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 121, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 42.295, 39.863 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(210, 121, 99) }
```

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

```
.border{ border-color:rgb(210, 121, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 121, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 121, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 121, 99);  
box-shadow:4px 4px 4px 4px rgb(210, 121,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 42.295, 39.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 121, 99) }
```

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

```
.background{ background-color: rgb(210,  
121, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor