

Converting Colors

CIELCh(63, 42.013, 53.098)

Have a look what the booklet for
CIELCh(63, 42.013, 53.098) contains.

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Color

CIELCh(63, 41.850, 53.200)

Conversions

Conversions Part 1

Format	Color
Hex	D2865E
RGB	210, 134, 94
RGB Percent	82%, 53%, 37%
CMY	0.1762, 0.4743, 0.6312
CMYK	0.00, 0.36, 0.55, 0.18
HSL	21°, 56%, 60%
HSV	21°, 55%, 82%
XYZ	37.1534, 31.5869, 14.7413
YIQ	152.1640, 58.1360, 3.6720

Conversions

Conversions Part 2

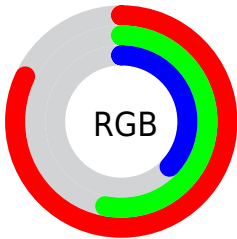
Format	Color
R _Y B	210, 155, 94
Decimal	13796958
CIE Lab	63.00, 25.07, 33.51
CIE LCh	63, 41.850, 53.200
Yxy	31.5869, 0.4450, 0.3784
Android (android.graphics.Color)	4291987038 (0xFFD2865E)
YUV	152.1640, -28.6749, 50.7222
Hunter-Lab	56.2022, 19.6463, 23.7904

Details

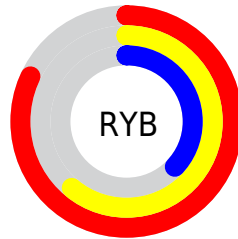
The CIELCh color **63, 41.850, 53.200** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **66, 30.085, 246.087**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 36.540, 58.659**, and **43, 41.721, 53.275** is the 20% darker color. If you saturate the color by 10%, you get **60, 51.060, 52.723**, and if you desaturate by 10%, it is **67, 33.078, 53.750**.

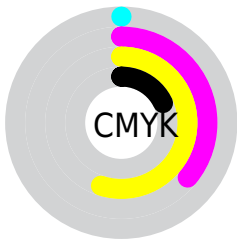
Distribution



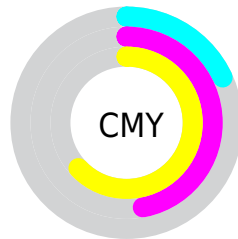
- Red (82%)
- Green (53%)
- Blue (37%)



- Red (82%)
- Yellow (61%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)
- Black (18%)



- Cyan (18%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 41.850, 53.200 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 63, 41.850, 53.200 by changing the saturation by 10% instead.

63, 41.850, 53.200

63, 41.850, 53.200

100, 41.850,
53.200

53, 41.850, 53.200

83, 41.850, 53.200

43, 41.850, 53.200

93, 41.850, 53.200

33, 41.850, 53.200

23, 41.850, 53.200

13, 41.850, 53.200

3, 41.850, 53.200

0, 41.850, 53.200

63, 41.850, 53.200

63, 41.850, 53.200

60, 51.060, 52.723

67, 33.078, 53.750

56, 60.455, 52.231

70, 24.840, 54.378

54, 69.446, 51.525

74, 17.151, 55.079

51, 76.889, 50.169

78, 9.987, 55.829

50, 79.960, 49.451

82, 3.308, 56.543

86, 2.934, 237.706

90, 8.787, 238.448

94, 12.507,
225.393

97, 14.978,
198.508

Harmonies

Complementary

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



63, 41.850, 53.200



66, 30.085, 246.087

Rectangle

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



63, 41.850, 53.200



63, 41.850, 103.200



63, 41.850, 233.200



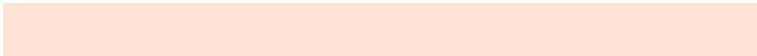
63, 41.850, 283.200

Sweetspot

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



63, 41.849, 53.204



92, 13.142, 55.680



57, 58.067, 340.338



48, 8.854, 55.526



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 41.849, 53.204



71, 60.738, 52.653



77, 50.814, 95.965



42, 3.632, 56.266



40, 67.419, 50.018



7, 16.473, 41.147

Inverse Universe

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



66, 30.085, 246.087



76, 40.304, 249.654



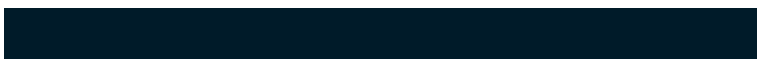
51, 56.254, 291.757



42, 3.473, 238.089



44, 38.595, 263.614



8, 13.222, 251.775

Previews

White Background



This preview shows how the CIELCh color 63, 41.850, 53.200 looks on a white background.

Color Contrast Check

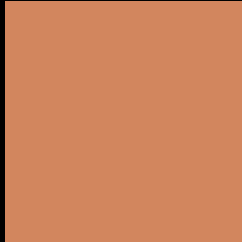
Large Text (above 18pt) WCAG AA × Fail

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 63, 41.850, 53.200 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 ✓ Pass

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

CIELCh 63, 41.850, 53.200

Background



This preview shows how black text looks on a background with the CIELCh color 63, 41.850, 53.200.



This preview shows how white text looks on a background with the CIELCh color 63, 41.850, 53.200.

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

63, 41.850, 53.200

Protanopia

63, 29.219, 95.862

Deuteranopia

63, 34.978, 76.948



Tritanopia
63, 35.100, 14.454

Trichromacy



Original Color
63, 41.850, 53.200

Protanomaly
63, 31.356, 76.671

Deuteranomaly
63, 36.493, 67.454

Tritanomaly
63, 35.468, 30.071

Monochromacy



Original Color
63, 41.850, 53.200

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 14.042, 53.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 41.850, 53.200 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, 134, 94)` looks like.

```
.text, #text, p{  
    color:rgb(210, 134, 94)  
}
```

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, 134, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 134, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 41.850, 53.200 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, 134, 94) }
```

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

```
.border{ border-color:rgb(210, 134, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 134, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 134, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 134, 94);  
box-shadow:4px 4px 4px 4px rgb(210, 134,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 41.850, 53.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 134, 94) }
```

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

```
.background{ background-color: rgb(210,  
134, 94) }
```

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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