

Converting Colors

CIELCh(63, 25.536, 55.173)

Have a look what the booklet for
CIELCh(63, 25.536, 55.173) contains.

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Color

CIELCh(63, 25.612, 54.844)

Conversions

Conversions Part 1

Format	Color
Hex	BE8E74
RGB	190, 142, 116
RGB Percent	75%, 56%, 45%
CMY	0.2546, 0.4428, 0.5448
CMYK	0.00, 0.25, 0.39, 0.25
HSL	21°, 36%, 60%
HSV	21°, 39%, 75%
XYZ	34.0945, 31.5869, 20.8441
YIQ	153.3880, 36.9540, 2.0900

Conversions

Conversions Part 2

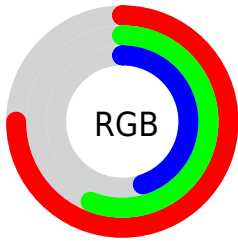
Format	Color
RYB	190, 156, 116
Decimal	12488308
CIELab	63.00, 14.75, 20.94
CIElCh	63, 25.612, 54.844
Yxy	31.5869, 0.3940, 0.3651
Android (android.graphics.Color)	4290678388 (0xFFBE8E74)
YUV	153.3880, -18.4323, 32.1087
Hunter-Lab	56.2022, 9.9313, 17.3523

Details

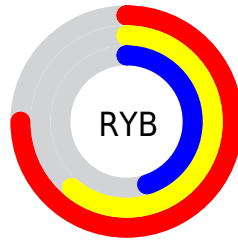
The CIELCh color **63, 25.612, 54.844** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 20.688, 243.148**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.763, 55.123**, and **43, 25.498, 54.947** is the 20% darker color. If you saturate the color by 10%, you get **60, 33.357, 54.216**, and if you desaturate by 10%, it is **66, 18.362, 55.557**.

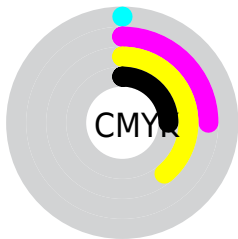
Distribution



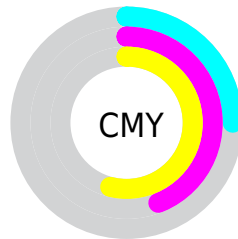
- Red (75%)
- Green (56%)
- Blue (45%)



- Red (75%)
- Yellow (61%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (25%)



- Cyan (25%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 25.612, 54.844 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, 25.612, 54.844 by changing the saturation by 10% instead.

■ 63, 25.612, 54.844

■ 63, 25.612, 54.844

■ 100, 25.612,
54.844

■ 53, 25.612, 54.844

■ 83, 25.612, 54.844

■ 43, 25.612, 54.844

■ 93, 25.612, 54.844

■ 33, 25.612, 54.844

■ 23, 25.612, 54.844

■ 13, 25.612, 54.844

■ 3, 25.612, 54.844

■ 0, 25.612, 54.844

■ 63, 25.612, 54.844

■ 63, 25.612, 54.844

■ 60, 33.357, 54.216

■ 66, 18.362, 55.557

■ 56, 41.566, 53.654

■ 70, 11.597, 56.318

■ 53, 50.114, 53.135

■ 74, 5.285, 57.093

■ 51, 58.690, 52.552

■ 77, 0.615, 238.778

■ 48, 66.615, 51.642

■ 81, 6.147, 238.975

■ 46, 73.059, 50.168

■ 85, 11.354,
239.812

■ 46, 73.757, 50.061

■ 89, 16.275,
240.665

■ 92, 17.762,
223.222

■ 95, 20.428,
201.017

Harmonies

Complementary

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



63, 25.612, 54.844



65, 20.688, 243.148

Rectangle

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



63, 25.612, 54.844



63, 25.612, 104.844



63, 25.612, 234.844



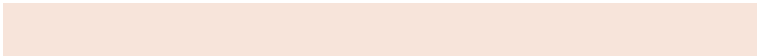
63, 25.612, 284.844

Sweetspot

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



63, 25.611, 54.850



92, 8.891, 56.845



58, 38.413, 339.477



49, 5.973, 56.742



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 25.611, 54.850



77, 39.516, 54.286



73, 33.954, 98.908



38, 3.337, 57.063



38, 64.040, 50.577



5, 10.180, 44.643

Inverse Universe

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



65, 20.688, 243.148



80, 30.137, 245.049



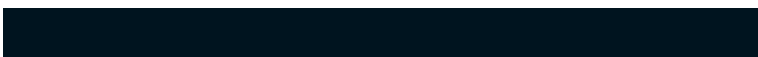
55, 36.214, 288.922



38, 3.196, 238.909



41, 37.185, 264.398



5, 10.026, 252.669

Previews

White Background



This preview shows how the CIELCh color 63, 25.612, 54.844 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, 25.612, 54.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

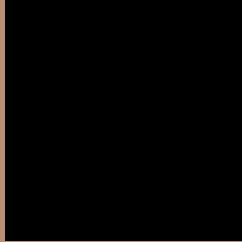
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 25.612, 54.844

Background



This preview shows how black text looks on a background with the CIELCh color 63, 25.612, 54.844.



This preview shows how white text looks on a background with the CIELCh color 63, 25.612, 54.844.

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, 25.612, 54.844

Protanopia

63, 17.726, 94.645

Deuteranopia

63, 22.839, 68.574



Tritanopia
63, 22.638, 7.727

Trichromacy



Original Color
63, 25.612, 54.844

Protanomaly
63, 19.193, 76.422

Deuteranomaly
63, 23.968, 63.943

Tritanomaly
63, 21.975, 25.883

Monochromacy



Original Color
63, 25.612, 54.844

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.487, 55.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 25.612, 54.844 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(190, 142, 116)` looks like.

```
.text, #text, p{  
    color:rgb(190, 142, 116)  
}
```

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(190, 142, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 142, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 25.612, 54.844 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(190, 142, 116) }
```

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

```
.border{ border-color:rgb(190, 142, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 142, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 142, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 142, 116);  
box-shadow:4px 4px 4px 4px rgb(190, 142,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 25.612, 54.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 142, 116) }
```

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

```
.background{ background-color: rgb(190,  
142, 116) }
```

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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