

Converting Colors

CIELCh(63, 45.693, 36.024)

Have a look what the booklet for
CIELCh(63, 45.693, 36.024) contains.

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Color

CIELCh(63, 45.638, 36.139)

Conversions

Conversions Part 1

Format	Color
Hex	E17D6B
RGB	225, 125, 107
RGB Percent	88%, 49%, 42%
CMY	0.1191, 0.5111, 0.5816
CMYK	0.00, 0.44, 0.53, 0.12
HSL	9°, 66%, 65%
HSV	9°, 53%, 88%
XYZ	40.8643, 31.5869, 17.7679
YIQ	152.8480, 65.3780, 15.6020

Conversions

Conversions Part 2

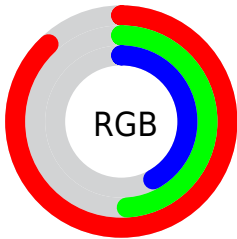
Format	Color
RYB	225, 128, 107
Decimal	14777707
CIELab	63.00, 36.86, 26.91
CIELCh	63, 45.638, 36.139
Yxy	31.5869, 0.4529, 0.3501
Android (android.graphics.Color)	4292967787 (0xFFE17D6B)
YUV	152.8480, -22.6031, 63.2773
Hunter-Lab	56.2022, 31.4324, 20.5975

Details

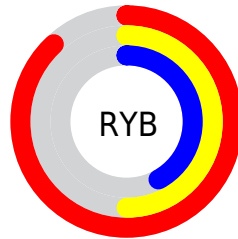
The CIELCh color **63, 45.638, 36.139** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **78, 30.217, 216.282**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 33.028, 40.178**, and **43, 45.824, 36.542** is the 20% darker color. If you saturate the color by 10%, you get **59, 56.282, 37.292**, and if you desaturate by 10%, it is **68, 35.527, 35.296**.

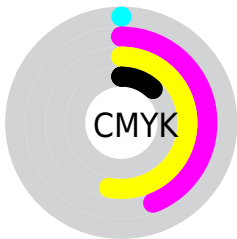
Distribution



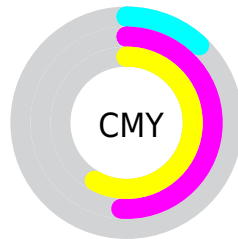
- Red (88%)
- Green (49%)
- Blue (42%)



- Red (88%)
- Yellow (50%)
- Blue (42%)



- Cyan (0%)
- Magenta (44%)
- Yellow (53%)
- Black (12%)



- Cyan (12%)
- Magenta (51%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 45.638, 36.139 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, 45.638, 36.139 by changing the saturation by 10% instead.

 63, 45.638, 36.139

 63, 45.638, 36.139

 100, 45.638,
36.139

 53, 45.638, 36.139

 83, 45.638, 36.139

 43, 45.638, 36.139

 93, 45.638, 36.139

 33, 45.638, 36.139

 23, 45.638, 36.139

 13, 45.638, 36.139

 3, 45.638, 36.139

 0, 45.638, 36.139

 63, 45.638, 36.139

 63, 45.638, 36.139

 59, 56.282, 37.292

 68, 35.527, 35.296

■ 55, 67.207, 38.732

■ 72, 26.072, 34.714

■ 52, 77.862, 40.303

■ 78, 17.307, 34.343

■ 50, 87.030, 41.504

■ 83, 9.221, 34.122

■ 48, 92.144, 41.972

■ 88, 1.770, 33.787

■ 93, 5.101, 214.281

■ 98, 10.295,
198.820

Harmonies

Complementary

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



63, 45.638, 36.139



78, 30.217, 216.282

Rectangle

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



63, 45.638, 36.139



63, 45.638, 86.139



63, 45.638, 216.139



63, 45.638, 266.139

Sweetspot

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



63, 45.636, 36.143



91, 13.278, 34.190



62, 66.201, 332.115



47, 9.043, 34.234



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, 45.636, 36.143



66, 63.069, 37.416



77, 44.602, 82.706



44, 4.131, 34.069



38, 76.421, 42.287



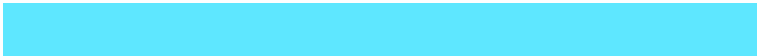
7, 23.025, 29.230

Inverse Universe

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



78, 30.217, 216.282



85, 37.516, 217.568



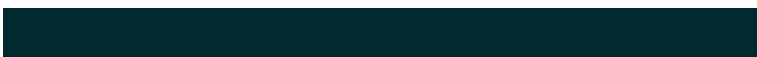
61, 43.921, 279.744



46, 3.888, 214.274



57, 32.987, 225.090



14, 13.652, 219.810

Previews

White Background



This preview shows how the CIELCh color 63, 45.638, 36.139 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, 45.638, 36.139 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, 45.638, 36.139

Background



This preview shows how black text looks on a background with the CIELCh color 63, 45.638, 36.139.

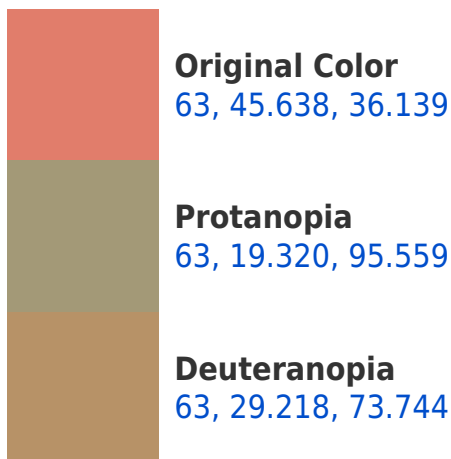


This preview shows how white text looks on a background with the CIELCh color 63, 45.638, 36.139.

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
63, 43.665, 18.157

Trichromacy



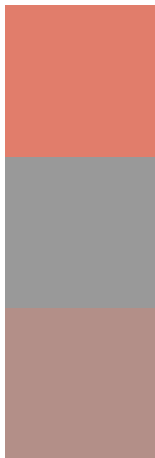
Original Color
63, 45.638, 36.139

Protanomaly
63, 24.212, 60.171

Deuteranomaly
63, 33.242, 55.348

Tritanomaly
63, 43.676, 24.337

Monochromacy



Original Color
63, 45.638, 36.139

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 15.327, 35.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 45.638, 36.139 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(225, 125, 107)` looks like.

```
.text, #text, p{  
    color:rgb(225, 125, 107)  
}
```

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(225, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 125, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 45.638, 36.139 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(225, 125, 107) }
```

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

```
.border{ border-color:rgb(225, 125, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 125, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(225, 125,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 45.638, 36.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 125, 107) }
```

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

```
.background{ background-color: rgb(225,  
125, 107) }
```

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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