

Converting Colors

CIELCh(65, 54.724, 54.358)

Have a look what the booklet for
CIELCh(65, 54.724, 54.358) contains.

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Color

CIELCh(65, 54.848, 54.041)

Conversions

Conversions Part 1

Format	Color
Hex	E5854F
RGB	229, 133, 79
RGB Percent	90%, 52%, 31%
CMY	0.1015, 0.4780, 0.6898
CMYK	0.00, 0.42, 0.65, 0.10
HSL	22°, 74%, 60%
HSV	22°, 65%, 90%
XYZ	42.1680, 34.0472, 11.7650
YIQ	155.5480, 74.5500, 3.5580

Conversions

Conversions Part 2

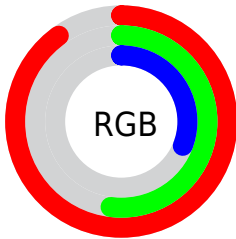
Format	Color
R_{YB}	229, 163, 79
Decimal	15041871
CIE _{Lab}	65.00, 32.21, 44.40
CIE _{LCh}	65, 54.848, 54.041
Yxy	34.0472, 0.4793, 0.3870
Android (android.graphics.Color)	4293231951 (0xFFE5854F)
YUV	155.5480, -37.7382, 64.4174
Hunter-Lab	58.3500, 26.8848, 28.8905

Details

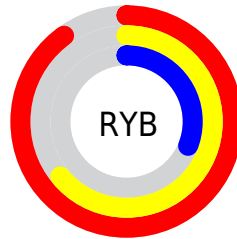
The CIELCh color **65, 54.848, 54.041** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **68, 37.338, 251.653**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 42.443, 64.789**, and **45, 54.535, 54.033** is the 20% darker color. If you saturate the color by 10%, you get **62, 64.806, 53.415**, and if you desaturate by 10%, it is **69, 45.034, 54.639**.

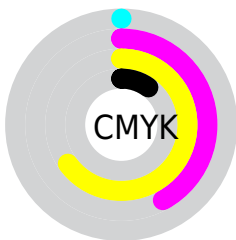
Distribution



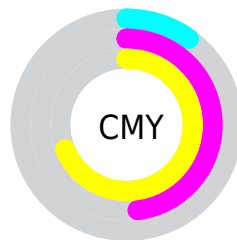
- Red (90%)
- Green (52%)
- Blue (31%)



- Red (90%)
- Yellow (64%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (65%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 54.848, 54.041 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 65, 54.848, 54.041 by changing the saturation by 10% instead.

 65, 54.848, 54.041

 65, 54.848, 54.041

 100, 54.848,
54.041

 55, 54.848, 54.041

 85, 54.848, 54.041

 45, 54.848, 54.041

 95, 54.848, 54.041

 35, 54.848, 54.041

 25, 54.848, 54.041

 15, 54.848, 54.041

 5, 54.848, 54.041

 0, 54.848, 54.041

 65, 54.848, 54.041

 65, 54.848, 54.041

 62, 64.806, 53.415

 69, 45.034, 54.639

59, 74.243, 52.534

72, 35.664, 55.282

56, 81.895, 50.953

76, 26.847, 55.995

55, 84.793, 50.121

80, 18.603, 56.772

84, 10.912, 57.592

89, 3.730, 58.377

93, 2.993, 239.591

97, 7.571, 217.137

98, 8.813, 198.924

Harmonies

Complementary

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



65, 54.848, 54.041



68, 37.338, 251.653

Rectangle

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



65, 54.848, 54.041



65, 54.848, 104.041



65, 54.848, 234.041



65, 54.848, 284.041

Sweetspot

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



65, 54.846, 54.045



91, 15.630, 57.208



58, 70.419, 342.504



47, 10.770, 56.977



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 54.846, 54.045



67, 74.478, 53.113



83, 64.229, 95.802



46, 3.927, 58.085



43, 69.943, 50.730



10, 21.618, 46.038

Inverse Universe

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



68, 37.338, 251.653



71, 46.693, 257.169



48, 74.517, 295.291



46, 3.761, 240.025



46, 41.593, 266.306



11, 15.819, 256.824

Previews

White Background



This preview shows how the CIELCh color 65, 54.848, 54.041 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 65, 54.848, 54.041 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 65, 54.848, 54.041

Background



This preview shows how black text looks on a background with the CIELCh color 65, 54.848, 54.041.

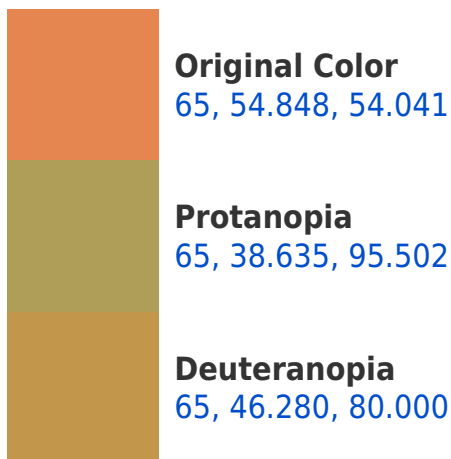


This preview shows how white text looks on a background with the CIELCh color 65, 54.848, 54.041.

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
65, 44.145, 17.480

Trichromacy



Original Color
65, 54.848, 54.041

Protanomaly
65, 41.044, 76.673

Deuteranomaly
65, 48.091, 69.233

Tritanomaly
65, 45.688, 33.395

Monochromacy



Original Color
65, 54.848, 54.041

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 18.551, 56.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 54.848, 54.041 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(229, 133, 79)` looks like.

```
.text, #text, p{  
    color:rgb(229, 133, 79)  
}
```

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(229, 133, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 133, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 54.848, 54.041 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(229, 133, 79) }
```

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

```
.border{ border-color:rgb(229, 133, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 133, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 133, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 133, 79);  
box-shadow:4px 4px 4px 4px rgb(229, 133,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 54.848, 54.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 133, 79) }
```

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

```
.background{ background-color: rgb(229,  
133, 79) }
```

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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