

Converting Colors

CIELCh(63, 54.657, 63.065)

Have a look what the booklet for
CIELCh(63, 54.657, 63.065) contains.

CIELCh(63, 54.684, 63.088)	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(63, 54.684, 63.088)

Conversions

Conversions Part 1

Format	Color
Hex	D68641
RGB	214, 134, 65
RGB Percent	84%, 53%, 25%
CMY	0.1622, 0.4757, 0.7462
CMYK	0.00, 0.37, 0.70, 0.16
HSL	28°, 64%, 55%
HSV	28°, 70%, 84%
XYZ	37.0565, 31.5869, 9.1007
YIQ	150.0540, 69.8290, -4.4990

Conversions

Conversions Part 2

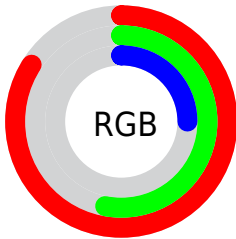
Format	Color
R_{YB}	214, 194, 65
Decimal	14059073
CIE _{Lab}	63.00, 24.75, 48.76
CIE _{LCh}	63, 54.684, 63.088
Yxy	31.5869, 0.4766, 0.4063
Android (android.graphics.Color)	4292249153 (0xFFD68641)
YUV	150.0540, -41.9316, 56.0806
Hunter-Lab	56.2022, 19.3387, 29.7409

Details

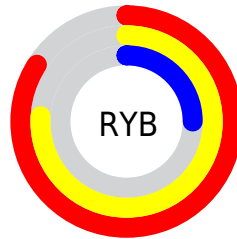
The CIELCh color **63, 54.684, 63.088** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **58, 42.469, 267.213**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 48.419, 70.248**, and **43, 54.431, 63.276** is the 20% darker color. If you saturate the color by 10%, you get **60, 63.106, 61.678**, and if you desaturate by 10%, it is **66, 45.953, 64.324**.

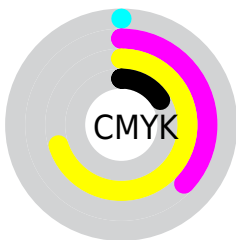
Distribution



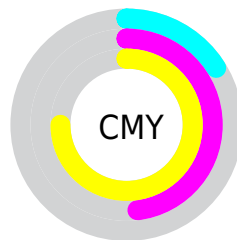
- Red (84%)
- Green (53%)
- Blue (25%)



- Red (84%)
- Yellow (76%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 54.684, 63.088 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, 54.684, 63.088 by changing the saturation by 10% instead.

63, 54.684, 63.088

63, 54.684, 63.088

100, 54.684,
63.088

53, 54.684, 63.088

83, 54.684, 63.088

43, 54.684, 63.088

93, 54.684, 63.088

33, 54.684, 63.088

23, 54.684, 63.088

13, 54.684, 63.088

3, 54.684, 63.088

0, 54.684, 63.088

63, 54.684, 63.088

63, 54.684, 63.088

60, 63.106, 61.678

66, 45.953, 64.324

58, 70.406, 59.824

69, 37.346, 65.499

55, 75.845, 57.335

72, 29.057, 66.664

55, 76.003, 57.270

75, 21.158, 67.832

79, 13.662, 69.000

82, 6.554, 70.142

86, 0.198, 253.476

89, 6.628, 252.573

93, 11.992,
250.497

Harmonies

Complementary

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



63, 54.684, 63.088



58, 42.469, 267.213

Rectangle

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



63, 54.684, 63.088



63, 54.684, 113.088



63, 54.684, 243.088



63, 54.684, 293.088

Sweetspot

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



63, 54.683, 63.091



92, 16.871, 68.825



52, 65.828, 349.247



48, 11.505, 68.500



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, 54.683, 63.091



70, 76.647, 60.804



81, 68.867, 101.342



43, 3.836, 70.173



45, 64.089, 57.901



9, 17.083, 54.884

Inverse Universe

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



58, 42.469, 267.213



63, 57.977, 273.614



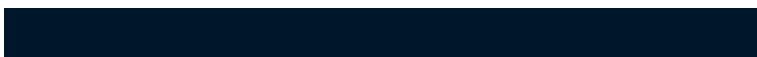
39, 84.870, 300.208



43, 3.731, 252.578



39, 49.391, 279.919



7, 16.289, 269.046

Previews

White Background



This preview shows how the CIELCh color 63, 54.684, 63.088 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, 54.684, 63.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

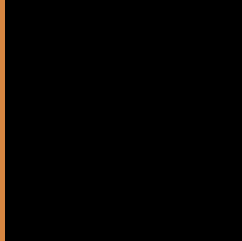
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 54.684, 63.088

Background



This preview shows how black text looks on a background with the CIELCh color 63, 54.684, 63.088.



This preview shows how white text looks on a background with the CIELCh color 63, 54.684, 63.088.

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, 54.684, 63.088

Protanopia

63, 44.792, 95.387

Deuteranopia

63, 49.891, 80.426



Tritanopia
63, 38.082, 16.389

Trichromacy



Original Color
63, 54.684, 63.088

Protanomaly
63, 46.102, 81.957

Deuteranomaly
63, 51.116, 73.564

Tritanomaly
63, 40.321, 38.707

Monochromacy



Original Color
63, 54.684, 63.088

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 18.774, 67.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 54.684, 63.088 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(214, 134, 65)` looks like.

```
.text, #text, p{  
    color:rgb(214, 134, 65)  
}
```

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(214, 134, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 134, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 54.684, 63.088 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(214, 134, 65) }
```

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

```
.border{ border-color:rgb(214, 134, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 134, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 134, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 134, 65);  
box-shadow:4px 4px 4px 4px rgb(214, 134,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 54.684, 63.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 134, 65) }
```

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

```
.background{ background-color: rgb(214,  
134, 65) }
```

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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