

Converting Colors

CIELCh(66, 50.713, 63.653)

Have a look what the booklet for
CIELCh(66, 50.713, 63.653) contains.

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Color

CIELCh(66, 50.654, 63.226)

Conversions

Conversions Part 1

Format	Color
Hex	DB8F4F
RGB	219, 143, 79
RGB Percent	86%, 56%, 31%
CMY	0.1407, 0.4388, 0.6898
CMYK	0.00, 0.35, 0.64, 0.14
HSL	27°, 66%, 58%
HSV	27°, 64%, 86%
XYZ	40.5056, 35.3238, 12.1004
YIQ	158.4280, 65.8400, -3.7920

Conversions

Conversions Part 2

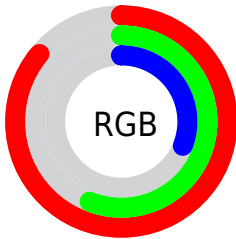
Format	Color
R_{YB}	219, 197, 79
Decimal	14389071
CIE Lab	66.00, 22.82, 45.22
CIE LCh	66, 50.654, 63.226
Yxy	35.3238, 0.4607, 0.4017
Android (android.graphics.Color)	4292579151 (0xFFDB8F4F)
YUV	158.4280, -39.1580, 53.1216
Hunter-Lab	59.4338, 17.6429, 29.5326

Details

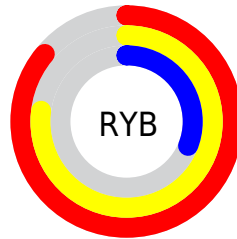
The CIELCh color **66, 50.654, 63.226** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **62, 39.732, 264.354**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 43.369, 72.750**, and **46, 50.712, 62.895** is the 20% darker color. If you saturate the color by 10%, you get **63, 59.547, 61.969**, and if you desaturate by 10%, it is **69, 41.751, 64.395**.

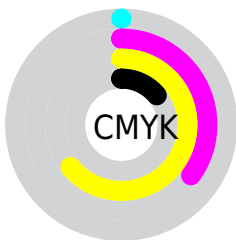
Distribution



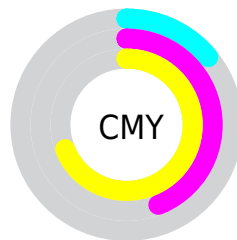
- Red (86%)
- Green (56%)
- Blue (31%)



- Red (86%)
- Yellow (77%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (64%)
- Black (14%)



- Cyan (14%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 50.654, 63.226 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 66, 50.654, 63.226 by changing the saturation by 10% instead.

66, 50.654, 63.226

66, 50.654, 63.226

100, 50.654,
63.226

56, 50.654, 63.226

86, 50.654, 63.226

46, 50.654, 63.226

96, 50.654, 63.226

36, 50.654, 63.226

26, 50.654, 63.226

16, 50.654, 63.226

6, 50.654, 63.226

0, 50.654, 63.226

66, 50.654, 63.226

66, 50.654, 63.226

63, 59.547, 61.969

69, 41.751, 64.395

60, 67.844, 60.438

72, 33.122, 65.540

58, 74.516, 58.300

76, 24.882, 66.689

56, 77.727, 56.743

79, 17.062, 67.843

83, 9.656, 68.989

86, 2.634, 70.030

90, 4.038, 251.443

93, 10.398,
252.498

96, 10.684,
212.251

Harmonies

Complementary

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



66, 50.654, 63.226



62, 39.732, 264.354

Rectangle

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



66, 50.654, 63.226



66, 50.654, 113.226



66, 50.654, 243.226



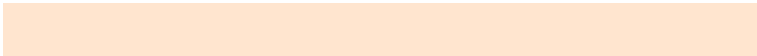
66, 50.654, 293.226

Sweetspot

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



66, 50.653, 63.230



92, 15.142, 68.389



55, 63.141, 348.187



48, 10.504, 68.057



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 50.653, 63.230



71, 70.397, 61.439



83, 65.643, 101.809



44, 3.899, 69.486



45, 65.000, 57.391



10, 18.412, 54.859

Inverse Universe

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



62, 39.732, 264.354



66, 53.041, 269.756



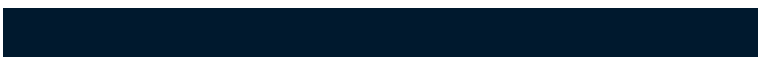
43, 78.796, 298.837



44, 3.789, 251.879



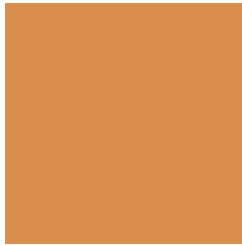
40, 49.373, 279.290



8, 16.918, 269.007

Previews

White Background



This preview shows how the CIELCh color 66, 50.654, 63.226 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 66, 50.654, 63.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

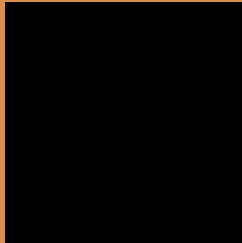
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 50.654, 63.226

Background



This preview shows how black text looks on a background with the CIELCh color 66, 50.654, 63.226.



This preview shows how white text looks on a background with the CIELCh color 66, 50.654, 63.226.

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
66, 36.395, 13.991

Trichromacy



Original Color
66, 50.654, 63.226

Protanomaly
66, 42.543, 82.278

Deuteranomaly
66, 47.370, 72.754

Tritanomaly
66, 37.482, 36.115

Monochromacy



Original Color
66, 50.654, 63.226

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 17.372, 66.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 50.654, 63.226 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(219, 143, 79)` looks like.

```
.text, #text, p{  
    color:rgb(219, 143, 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(219, 143, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 143, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 50.654, 63.226 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(219, 143, 79) }
```

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

```
.border{ border-color:rgb(219, 143, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 143, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 143, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 143, 79);  
box-shadow:4px 4px 4px 4px rgb(219, 143,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 50.654, 63.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 143, 79) }
```

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

```
.background{ background-color: rgb(219,  
143, 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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