

Converting Colors

CIELCh(66, 54.900, 43.187)

Have a look what the booklet for
CIELCh(66, 54.900, 43.187) contains.

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Color

CIELCh(66, 54.828, 43.181)

Conversions

Conversions Part 1

Format	Color
Hex	F1815F
RGB	241, 129, 95
RGB Percent	95%, 51%, 37%
CMY	0.0540, 0.4933, 0.6267
CMYK	0.00, 0.46, 0.61, 0.05
HSL	14°, 84%, 66%
HSV	14°, 61%, 95%
XYZ	46.3048, 35.3238, 15.2482
YIQ	158.6120, 77.6660, 13.1700

Conversions

Conversions Part 2

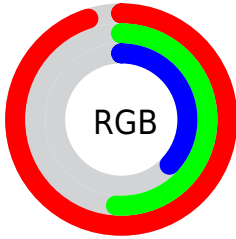
Format	Color
R _Y B	241, 139, 95
Decimal	15827295
CIE Lab	66.00, 39.98, 37.52
CIE LCh	66, 54.828, 43.181
Yxy	35.3238, 0.4780, 0.3646
Android (android.graphics.Color)	4294017375 (0xFFFF1815F)
YUV	158.6120, -31.3607, 72.2543
Hunter-Lab	59.4338, 35.0599, 26.3924

Details

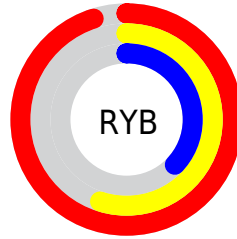
The CIELCh color **66, 54.828, 43.181** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **78, 34.371, 229.959**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 36.360, 53.306**, and **46, 55.038, 43.368** is the 20% darker color. If you saturate the color by 10%, you get **62, 66.030, 43.747**, and if you desaturate by 10%, it is **70, 44.062, 42.795**.

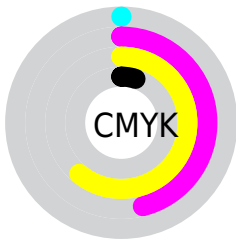
Distribution



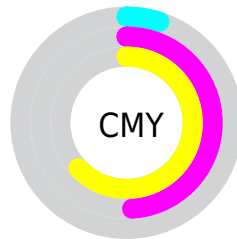
- Red (95%)
- Green (51%)
- Blue (37%)



- Red (95%)
- Yellow (55%)
- Blue (37%)



- Cyan (0%)
- Magenta (46%)
- Yellow (61%)
- Black (5%)



- Cyan (5%)
- Magenta (49%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 54.828, 43.181 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, 54.828, 43.181 by changing the saturation by 10% instead.

 66, 54.828, 43.181

 66, 54.828, 43.181

 100, 54.828,
43.181

 56, 54.828, 43.181

 86, 54.828, 43.181

 46, 54.828, 43.181

 96, 54.828, 43.181

 36, 54.828, 43.181

 26, 54.828, 43.181

 16, 54.828, 43.181

 6, 54.828, 43.181

 0, 54.828, 43.181

 66, 54.828, 43.181

 66, 54.828, 43.181

 62, 66.030, 43.747

 70, 44.062, 42.795

59, 77.191, 44.349

75, 33.939, 42.602

56, 87.216, 44.605

80, 24.527, 42.585

54, 94.326, 44.153

85, 15.825, 42.709

90, 7.795, 42.924

95, 0.382, 41.736

99, 4.744, 199.244

Harmonies

Complementary

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



66, 54.828, 43.181



78, 34.371, 229.959

Rectangle

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



66, 54.828, 43.181



66, 54.828, 93.181



66, 54.828, 223.181



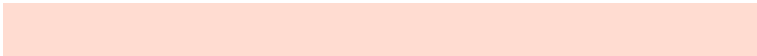
66, 54.828, 273.181

Sweetspot

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



66, 54.826, 43.185



90, 14.357, 42.757



63, 75.361, 335.400



47, 10.098, 42.701



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, 54.826, 43.185



64, 72.016, 43.914



82, 56.797, 86.941



47, 4.162, 42.947



41, 76.400, 44.618



10, 25.734, 37.179

Inverse Universe

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



78, 34.371, 229.959



79, 40.048, 233.212



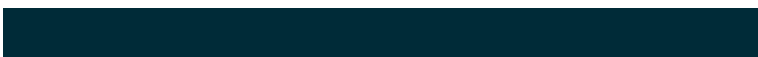
59, 59.522, 286.795



49, 3.930, 223.877



54, 35.132, 242.646



16, 14.990, 235.675

Previews

White Background



This preview shows how the CIELCh color 66, 54.828, 43.181 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, 54.828, 43.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

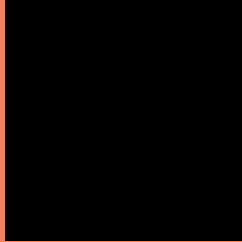
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 54.828, 43.181

Background



This preview shows how black text looks on a background with the CIELCh color 66, 54.828, 43.181.



This preview shows how white text looks on a background with the CIELCh color 66, 54.828, 43.181.

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

66, 54.828, 43.181

Protanopia

66, 30.021, 96.306

Deuteranopia

66, 39.894, 77.631



Tritanopia
66, 49.595, 19.584

Trichromacy



Original Color
66, 54.828, 43.181

Protanomaly
65, 33.870, 67.854

Deuteranomaly
66, 42.919, 61.750

Tritanomaly
66, 50.413, 29.004

Monochromacy



Original Color
66, 54.828, 43.181

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 18.307, 41.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 54.828, 43.181 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(241, 129, 95)` looks like.

```
.text, #text, p{  
    color:rgb(241, 129, 95)  
}
```

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(241, 129, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 129, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 54.828, 43.181 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(241, 129, 95) }
```

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

```
.border{ border-color:rgb(241, 129, 95) }
```

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

Here you see how a box with a 4 pixel rgb(241, 129, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 129, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 129, 95);  
box-shadow:4px 4px 4px 4px rgb(241, 129,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 54.828, 43.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 129, 95) }
```

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

```
.background{ background-color: rgb(241,  
129, 95) }
```

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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