

Converting Colors

CIELCh(66, 51.642, 37.299)

Have a look what the booklet for
CIELCh(66, 51.642, 37.299) contains.

CIELCh(66, 51.416, 37.378)	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(66, 51.416, 37.378)

Conversions

Conversions Part 1

Format	Color
Hex	F1816B
RGB	241, 129, 107
RGB Percent	95%, 51%, 42%
CMY	0.0562, 0.4952, 0.5814
CMYK	0.00, 0.47, 0.56, 0.06
HSL	10°, 82%, 68%
HSV	10°, 56%, 94%
XYZ	46.6153, 35.3238, 18.1976
YIQ	159.9800, 73.8140, 16.9020

Conversions

Conversions Part 2

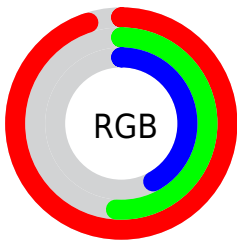
Format	Color
R_{YB}	241, 133, 107
Decimal	15827307
CIE _{Lab}	66.00, 40.86, 31.21
CIE _{LCh}	66, 51.416, 37.378
Yxy	35.3238, 0.4655, 0.3528
Android (android.graphics.Color)	4294017387 (0xFFFF1816B)
YUV	159.9800, -26.1191, 71.0545
Hunter-Lab	59.4338, 35.9923, 23.4501

Details

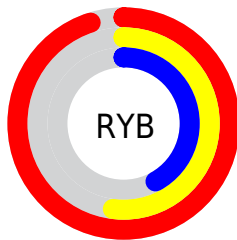
The CIELCh color **66, 51.416, 37.378** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 33.004, 218.357**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 32.173, 45.339**, and **46, 51.273, 37.558** is the 20% darker color. If you saturate the color by 10%, you get **62, 62.765, 38.526**, and if you desaturate by 10%, it is **71, 40.578, 36.528**.

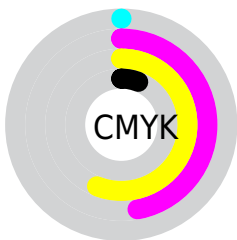
Distribution



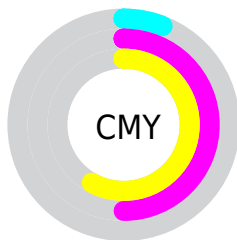
- Red (95%)
- Green (51%)
- Blue (42%)



- Red (95%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (47%)
- Yellow (56%)
- Black (6%)



- Cyan (6%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 51.416, 37.378 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, 51.416, 37.378 by changing the saturation by 10% instead.

 66, 51.416, 37.378

 66, 51.416, 37.378

 100, 51.416,
37.378

 56, 51.416, 37.378

 86, 51.416, 37.378

 46, 51.416, 37.378

 96, 51.416, 37.378

 36, 51.416, 37.378

 26, 51.416, 37.378

 16, 51.416, 37.378

 6, 51.416, 37.378

 0, 51.416, 37.378

 66, 51.416, 37.378

 66, 51.416, 37.378

 62, 62.765, 38.526

 71, 40.578, 36.528

58, 74.284, 39.912

76, 30.415, 35.942

55, 85.207, 41.288

81, 20.981, 35.577

53, 93.883, 41.995

86, 12.272, 35.377

52, 96.796, 42.162

92, 4.250, 35.238

97, 3.144, 215.648

99, 4.935, 199.227

Harmonies

Complementary

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



66, 51.416, 37.378



82, 33.004, 218.357

Rectangle

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



66, 51.416, 37.378



66, 51.416, 87.378



66, 51.416, 217.378



66, 51.416, 267.378

Sweetspot

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



66, 51.414, 37.382



90, 14.053, 35.398



65, 73.508, 332.331



47, 9.480, 35.431



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, 51.414, 37.382



65, 67.450, 38.729



81, 50.059, 82.211



47, 4.327, 35.302



40, 78.621, 42.509



9, 26.729, 32.973

Inverse Universe

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



82, 33.004, 218.357



84, 38.588, 220.038



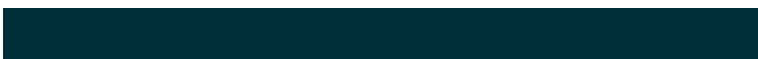
64, 49.374, 280.698



49, 4.072, 215.608



58, 34.018, 227.717



17, 14.896, 222.790

Previews

White Background



This preview shows how the CIELCh color 66, 51.416, 37.378 looks on a white background.

Color Contrast Check

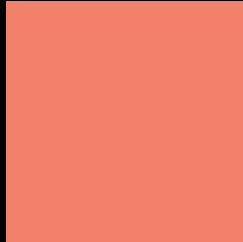
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 51.416, 37.378 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, 51.416, 37.378

Background



This preview shows how black text looks on a background with the CIELCh color 66, 51.416, 37.378.

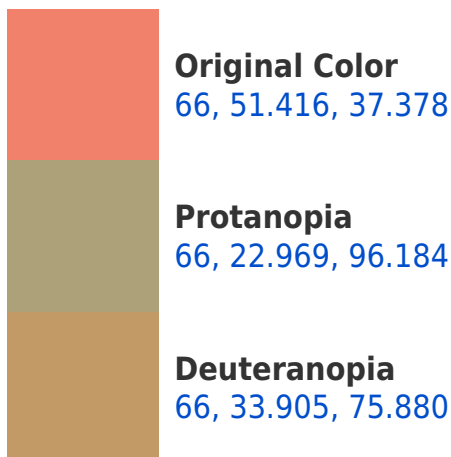


This preview shows how white text looks on a background with the CIELCh color 66, 51.416, 37.378.

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, 48.323, 19.253

Trichromacy



Original Color
66, 51.416, 37.378

Protanomaly
65, 28.416, 61.360

Deuteranomaly
66, 37.727, 57.282

Tritanomaly
66, 49.152, 26.016

Monochromacy



Original Color
66, 51.416, 37.378

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 16.995, 35.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 51.416, 37.378 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(241, 129, 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(241, 129, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 129, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 51.416, 37.378 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, 107) }
```

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

```
.border{ border-color:rgb(241, 129, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 129, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 129, 107);  
box-shadow:4px 4px 4px 4px rgb(241, 129,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 51.416, 37.378 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, 107) }
```

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

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