

Converting Colors

CIELCh(61, 66.654, 40.341)

Have a look what the booklet for
CIELCh(61, 66.654, 40.341) contains.

CIELCh(61, 66.463, 40.005)	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(61, 66.463, 40.005)

Conversions

Conversions Part 1

Format	Color
Hex	F1684A
RGB	241, 104, 74
RGB Percent	95%, 41%, 29%
CMY	0.0532, 0.5907, 0.7085
CMYK	0.00, 0.57, 0.69, 0.05
HSL	11°, 86%, 62%
HSV	11°, 69%, 95%
XYZ	42.6546, 29.2481, 9.9327
YIQ	141.5430, 91.2820, 19.7140

Conversions

Conversions Part 2

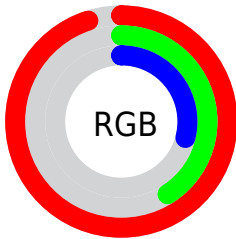
Format	Color
R_{YB}	241, 111, 74
Decimal	15820874
CIE _{Lab}	61.00, 50.91, 42.73
CIE _{LCh}	61, 66.463, 40.005
Yxy	29.2481, 0.5212, 0.3574
Android (android.graphics.Color)	4294010954 (0xFFFF1684A)
YUV	141.5430, -33.2987, 87.2238
Hunter-Lab	54.0815, 46.1419, 26.9677

Details

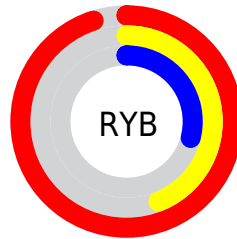
The CIELCh color **61, 66.463, 40.005** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed orange. A complement of this color would be **79, 37.390, 223.006**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 46.256, 45.930**, and **41, 66.245, 39.826** is the 20% darker color. If you saturate the color by 10%, you get **57, 77.884, 41.245**, and if you desaturate by 10%, it is **65, 55.028, 38.926**.

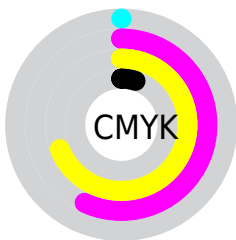
Distribution



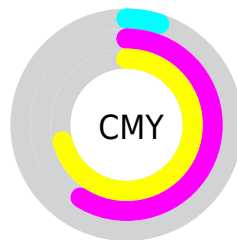
- Red (95%)
- Green (41%)
- Blue (29%)



- Red (95%)
- Yellow (44%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (69%)
- Black (5%)



- Cyan (5%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 66.463, 40.005 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 61, 66.463, 40.005 by changing the saturation by 10% instead.

61, 66.463, 40.005

61, 66.463, 40.005

100, 66.463,
40.005

51, 66.463, 40.005

81, 66.463, 40.005

41, 66.463, 40.005

91, 66.463, 40.005

31, 66.463, 40.005

21, 66.463, 40.005

11, 66.463, 40.005

1, 66.463, 40.005

0, 66.463, 40.005

61, 66.463, 40.005

61, 66.463, 40.005

57, 77.884, 41.245

65, 55.028, 38.926

55, 88.282, 42.275

70, 44.038, 38.106

53, 95.950, 42.506

74, 33.692, 37.545

52, 96.489, 42.546

80, 24.069, 37.207

85, 15.175, 37.043

90, 6.979, 36.987

96, 0.573, 218.279

99, 4.678, 199.250

Harmonies

Complementary

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



61, 66.463, 40.005



79, 37.390, 223.006

Rectangle

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



61, 66.463, 40.005



61, 66.463, 90.005



61, 66.463, 220.005



61, 66.463, 270.005

Sweetspot

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



61, 66.460, 40.008



88, 17.473, 37.062



60, 85.734, 333.911



45, 11.965, 37.100



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 66.460, 40.008



59, 85.764, 41.720



79, 62.630, 81.529



47, 4.283, 36.989



40, 78.160, 42.923



10, 26.498, 33.866

Inverse Universe

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



79, 37.390, 223.006



80, 42.025, 226.353



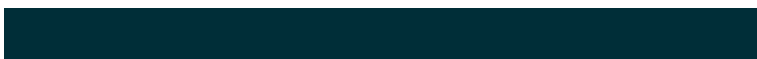
56, 63.968, 286.195



49, 4.033, 217.436



58, 34.081, 231.137



17, 14.857, 225.694

Previews

White Background



This preview shows how the CIELCh color 61, 66.463, 40.005 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 66.463, 40.005 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 × Fail

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

CIELCh 61, 66.463, 40.005

Background



This preview shows how black text looks on a background with the CIELCh color 61, 66.463, 40.005.



This preview shows how white text looks on a background with the CIELCh color 61, 66.463, 40.005.

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

61, 66.463, 40.005

Protanopia

61, 33.064, 96.445

Deuteranopia

61, 45.184, 79.408



Tritanopia
61, 60.663, 23.890

Trichromacy



Original Color
61, 66.463, 40.005

Protanomaly
60, 38.603, 63.809

Deuteranomaly
60, 49.385, 60.063

Tritanomaly
61, 61.903, 30.407

Monochromacy



Original Color
61, 66.463, 40.005

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 22.444, 37.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 66.463, 40.005 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, 104, 74)` looks like.

```
.text, #text, p{  
    color:rgb(241, 104, 74)  
}
```

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, 104, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 104, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 66.463, 40.005 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, 104, 74) }
```

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

```
.border{ border-color:rgb(241, 104, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 104, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 104, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 104, 74);  
box-shadow:4px 4px 4px 4px rgb(241, 104,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 66.463, 40.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 104, 74) }
```

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

```
.background{ background-color: rgb(241,  
104, 74) }
```

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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