

Converting Colors

CIELCh(60, 69.728, 41.324)

Have a look what the booklet for
CIELCh(60, 69.728, 41.324) contains.

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Color

CIELCh(60, 69.728, 41.324)

Conversions

Conversions Part 1

Format	Color
Hex	F16442
RGB	241, 100, 66
RGB Percent	95%, 39%, 26%
CMY	0.0559, 0.6086, 0.7419
CMYK	0.00, 0.59, 0.73, 0.06
HSL	12°, 86%, 60%
HSV	12°, 73%, 94%
XYZ	41.7072, 28.1233, 8.3561
YIQ	138.2830, 94.9500, 19.3180

Conversions

Conversions Part 2

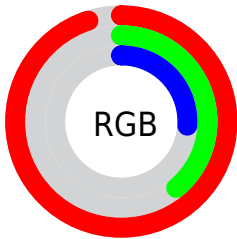
Format	Color
R_{YB}	241, 108, 66
Decimal	15819842
CIE _{Lab}	60.00, 52.36, 46.04
CIE _{LCh}	60, 69.728, 41.324
Yxy	28.1233, 0.5334, 0.3597
Android (android.graphics.Color)	4294009922 (0xFFFF16442)
YUV	138.2830, -35.6355, 90.0828
Hunter-Lab	53.0314, 47.5785, 27.7798

Details

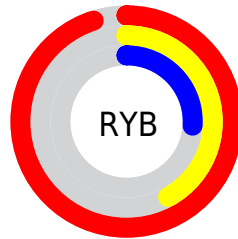
The CIELCh color **60, 69.728, 41.324** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **77, 38.098, 226.238**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 49.388, 47.163**, and **40, 69.759, 41.239** is the 20% darker color. If you saturate the color by 10%, you get **57, 80.896, 42.373**, and if you desaturate by 10%, it is **64, 58.309, 40.328**.

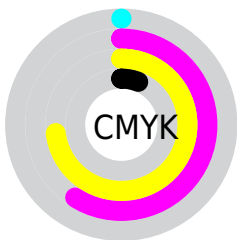
Distribution



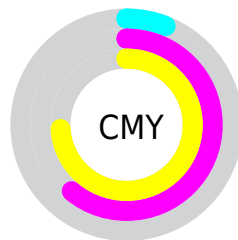
- Red (95%)
- Green (39%)
- Blue (26%)



- Red (95%)
- Yellow (42%)
- Blue (26%)



- Cyan (0%)
- Magenta (59%)
- Yellow (73%)
- Black (6%)



- Cyan (6%)
- Magenta (61%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 69.728, 41.324 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 60, 69.728, 41.324 by changing the saturation by 10% instead.

 60, 69.728, 41.324

 60, 69.728, 41.324

 100, 69.728,
41.324

 50, 69.728, 41.324

 80, 69.728, 41.324

 40, 69.728, 41.324

 90, 69.728, 41.324

 30, 69.728, 41.324

 20, 69.728, 41.324

 10, 69.728, 41.324

 0, 69.728, 41.324

 60, 69.728, 41.324

 60, 69.728, 41.324

 57, 80.896, 42.373

 64, 58.309, 40.328

 54, 90.509, 42.974

 68, 47.234, 39.547

53, 95.750, 42.940

73, 36.761, 39.013

78, 26.995, 38.701

83, 17.956, 38.568

88, 9.621, 38.564

94, 1.940, 38.443

99, 4.903, 199.293

99, 4.906, 199.229

Harmonies

Complementary

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



60, 69.728, 41.324



77, 38.098, 226.238

Rectangle

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



60, 69.728, 41.324



60, 69.728, 91.324



60, 69.728, 221.324



60, 69.728, 271.324

Sweetspot

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



60, 69.725, 41.327



88, 18.218, 38.565



59, 87.130, 334.896



45, 12.382, 38.584



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 69.725, 41.327



59, 89.446, 42.752



78, 65.747, 82.374



47, 4.246, 38.574



40, 77.711, 43.339



10, 26.290, 34.711

Inverse Universe

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



77, 38.098, 226.238



79, 42.621, 230.377



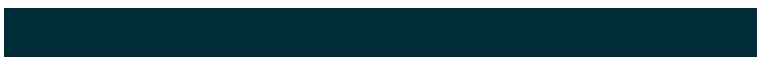
53, 69.016, 288.491



49, 4.000, 219.152



57, 34.238, 234.294



16, 14.852, 228.396

Previews

White Background



This preview shows how the CIELCh color 60, 69.728, 41.324 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 60, 69.728, 41.324 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 60, 69.728, 41.324

Background



This preview shows how black text looks on a background with the CIELCh color 60, 69.728, 41.324.



This preview shows how white text looks on a background with the CIELCh color 60, 69.728, 41.324.

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
60, 62.784, 25.001

Trichromacy



Original Color
60, 69.728, 41.324

Protanomaly
59, 42.062, 65.323

Deuteranomaly
59, 52.767, 61.895

Tritanomaly
60, 64.856, 31.686

Monochromacy



Original Color
60, 69.728, 41.324

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 23.265, 38.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 69.728, 41.324 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, 100, 66)` looks like.

```
.text, #text, p{  
    color:rgb(241, 100, 66)  
}
```

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, 100, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 100, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 69.728, 41.324 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, 100, 66) }
```

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

```
.border{ border-color:rgb(241, 100, 66) }
```

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

Here you see how a box with a 4 pixel rgb(241, 100, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 100, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 100, 66);  
box-shadow:4px 4px 4px 4px rgb(241, 100,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 69.728, 41.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 100, 66) }
```

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

```
.background{ background-color: rgb(241,  
100, 66) }
```

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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