

Converting Colors

CIELCh(60, 85.161, 53.468)

Have a look what the booklet for
CIELCh(60, 85.161, 53.468) contains.

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Color

CIELCh(60, 85.264, 53.410)

Conversions

Conversions Part 1

Format	Color
Hex	F26503
RGB	242, 101, 3
RGB Percent	95%, 40%, 1%
CMY	0.0518, 0.6045, 0.9893
CMYK	0.00, 0.58, 0.99, 0.05
HSL	25°, 98%, 48%
HSV	25°, 99%, 95%
XYZ	41.2021, 28.1233, 3.3347
YIQ	131.9870, 115.4940, -0.5860

Conversions

Conversions Part 2

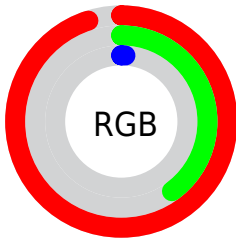
Format	Color
R_{YB}	242, 169, 3
Decimal	15885571
CIE _{Lab}	60.00, 50.82, 68.46
CIE _{LCh}	60, 85.264, 53.410
Yxy	28.1233, 0.5671, 0.3871
Android (android.graphics.Color)	4294075651 (0xFFFF26503)
YUV	131.9870, -63.5906, 96.4814
Hunter-Lab	53.0314, 45.8781, 33.3938

Details

The CIELCh color **60, 85.264, 53.410** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **58, 58.046, 274.133**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 66.365, 62.971**, and **40, 73.691, 45.666** is the 20% darker color. If you saturate the color by 10%, you get **60, 85.950, 53.167**, and if you desaturate by 10%, it is **63, 78.726, 55.700**.

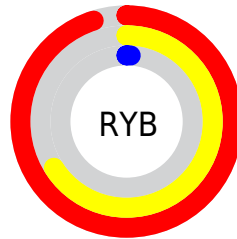
Distribution



Red (95%)

Green (40%)

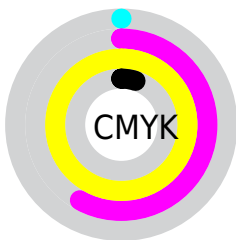
Blue (1%)



Red (95%)

Yellow (66%)

Blue (1%)

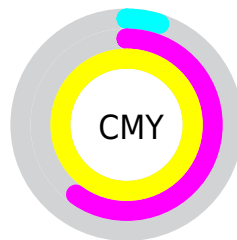


Cyan (0%)

Magenta (58%)

Yellow (99%)

Black (5%)



Cyan (5%)

Magenta (60%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 85.264, 53.410 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, 85.264, 53.410 by changing the saturation by 10% instead.

60, 85.264, 53.410

60, 85.264, 53.410

100, 85.264,
53.410

50, 85.264, 53.410

80, 85.264, 53.410

40, 85.264, 53.410

90, 85.264, 53.410

30, 85.264, 53.410

20, 85.264, 53.410

10, 85.264, 53.410

0, 85.264, 53.410

60, 85.264, 53.410

60, 85.264, 53.410

60, 85.950, 53.167

63, 78.726, 55.700

66, 69.946, 57.208

69, 60.099, 58.297

72, 50.093, 59.245

76, 40.369, 60.175

80, 31.111, 61.131

84, 22.380, 62.122

88, 14.174, 63.137

92, 6.461, 64.141

Harmonies

Complementary

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



60, 85.264, 53.410



58, 58.046, 274.133

Rectangle

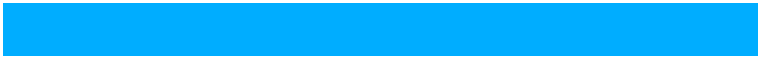
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 85.264, 53.410



60, 85.264, 103.410



60, 85.264, 233.410



60, 85.264, 283.410

Sweetspot

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



60, 85.261, 53.412



87, 24.370, 62.001



53, 83.664, 353.136



45, 16.853, 61.579



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, 85.261, 53.412



63, 89.563, 53.054



86, 86.497, 95.955



48, 4.115, 64.083



46, 69.530, 53.855



12, 23.725, 52.049

Inverse Universe

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



58, 58.046, 274.133



61, 61.182, 274.834



32, 122.864, 305.069



48, 3.969, 246.315



45, 47.002, 273.738



12, 18.335, 265.371

Previews

White Background



This preview shows how the CIELCh color 60, 85.264, 53.410 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, 85.264, 53.410 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, 85.264, 53.410

Background



This preview shows how black text looks on a background with the CIELCh color 60, 85.264, 53.410.



This preview shows how white text looks on a background with the CIELCh color 60, 85.264, 53.410.

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

60, 85.264, 53.410

Protanopia

60, 60.127, 95.248

Deuteranopia

60, 65.433, 83.803



Tritanopia
60, 64.058, 25.279

Trichromacy



Original Color
60, 85.264, 53.410

Protanomaly
59, 64.100, 75.285

Deuteranomaly
59, 69.783, 69.820

Tritanomaly
60, 71.712, 40.163

Monochromacy



Original Color
60, 85.264, 53.410

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 31.733, 60.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 85.264, 53.410 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(242, 101, 3)` looks like.

```
.text, #text, p{  
    color:rgb(242, 101, 3)  
}
```

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(242, 101, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 101, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 85.264, 53.410 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(242, 101, 3) }
```

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

```
.border{ border-color:rgb(242, 101, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 101, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 101, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 101, 3);  
box-shadow:4px 4px 4px 4px rgb(242, 101,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 85.264, 53.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 101, 3) }
```

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

```
.background{ background-color: rgb(242,  
101, 3) }
```

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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