

Converting Colors

CIELCh(53, 93.393, 42.913)

Have a look what the booklet for
CIELCh(53, 93.393, 42.913) contains.

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Color

CIELCh(53, 93.379, 43.006)

Conversions

Conversions Part 1

Format	Color
Hex	F03507
RGB	240, 53, 7
RGB Percent	94%, 21%, 3%
CMY	0.0594, 0.7927, 0.9732
CMYK	0.00, 0.78, 0.97, 0.06
HSL	12°, 94%, 48%
HSV	12°, 97%, 94%
XYZ	37.1881, 21.0462, 2.2984
YIQ	103.6690, 126.2180, 25.3380

Conversions

Conversions Part 2

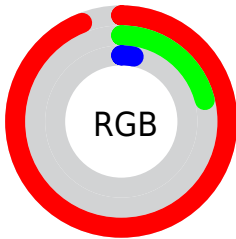
Format	Color
RYB	240, 64, 7
Decimal	15742215
CIELab	53.00, 68.29, 63.69
CIELCh	53, 93.379, 43.006
Yxy	21.0462, 0.6143, 0.3477
Android (android.graphics.Color)	4293932295 (0xFFFF03507)
YUV	103.6690, -47.6578, 119.5623
Hunter-Lab	45.8761, 64.4125, 29.1428

Details

The CIELCh color **53, 93.379, 43.006** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **73, 41.715, 234.635**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 72.995, 46.351**, and **36, 78.442, 39.934** is the 20% darker color. If you saturate the color by 10%, you get **52, 95.347, 43.038**, and if you desaturate by 10%, it is **55, 85.127, 42.890**.

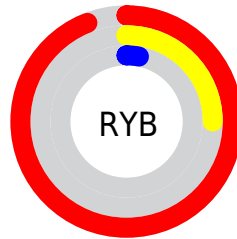
Distribution



Red (94%)

Green (21%)

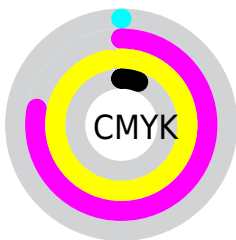
Blue (3%)



Red (94%)

Yellow (25%)

Blue (3%)

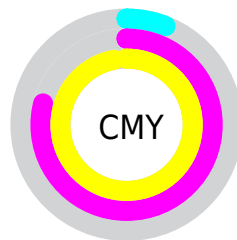


Cyan (0%)

Magenta (78%)

Yellow (97%)

Black (6%)



Cyan (6%)

Magenta (79%)

Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 93.379, 43.006 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 53, 93.379, 43.006 by changing the saturation by 10% instead.

 53, 93.379, 43.006

 53, 93.379, 43.006

 100, 93.379,
43.006

 43, 93.379, 43.006

 73, 93.379, 43.006

 33, 93.379, 43.006

 83, 93.379, 43.006

 23, 93.379, 43.006

 93, 93.379, 43.006

 13, 93.379, 43.006

 3, 93.379, 43.006

 0, 93.379, 43.006

 53, 93.379, 43.006

 53, 93.379, 43.006

 52, 95.347, 43.038

 55, 85.127, 42.890

 58, 74.469, 41.998

62, 63.105, 40.981

66, 51.882, 40.126

71, 41.171, 39.510

75, 31.131, 39.126

80, 21.814, 38.940

86, 13.212, 38.904

91, 5.285, 38.940

Harmonies

Complementary

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



53, 93.379, 43.006



73, 41.715, 234.635

Rectangle

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



53, 93.379, 43.006



53, 93.379, 93.006



53, 93.379, 223.006



53, 93.379, 273.006

Sweetspot

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



53, 93.376, 43.008



84, 24.688, 38.963



55, 95.314, 337.051



42, 17.248, 39.035



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 93.376, 43.008



56, 99.978, 42.963



73, 78.185, 77.421



47, 4.238, 38.936



40, 77.606, 43.437



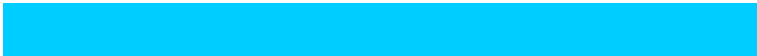
10, 26.243, 34.908

Inverse Universe

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



73, 41.715, 234.635



77, 43.968, 235.880



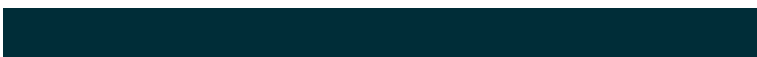
41, 94.550, 297.158



49, 3.993, 219.544



57, 34.287, 235.007



16, 14.855, 229.009

Previews

White Background



This preview shows how the CIELCh color 53, 93.379, 43.006 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 53, 93.379, 43.006 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 53, 93.379, 43.006

Background



This preview shows how black text looks on a background with the CIELCh color 53, 93.379, 43.006.



This preview shows how white text looks on a background with the CIELCh color 53, 93.379, 43.006.

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

53, 93.379, 43.006

Protanopia

53, 51.564, 95.159

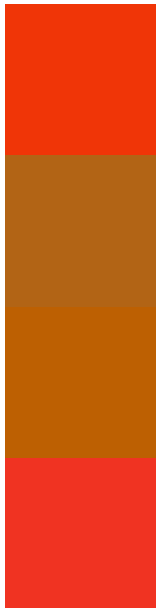
Deuteranopia

53, 59.339, 84.222



Tritanopia
53, 84.120, 33.872

Trichromacy



Original Color
53, 93.379, 43.006

Protanomaly
50, 59.335, 63.763

Deuteranomaly
51, 67.486, 60.986

Tritanomaly
53, 88.209, 38.343

Monochromacy



Original Color
53, 93.379, 43.006

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 34.203, 39.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 93.379, 43.006 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(240, 53, 7)` looks like.

```
.text, #text, p{  
    color:rgb(240, 53, 7)  
}
```

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(240, 53, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 53, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 93.379, 43.006 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(240, 53, 7) }
```

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

```
.border{ border-color:rgb(240, 53, 7) }
```

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

Here you see how a box with a 4 pixel rgb(240, 53, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 53, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 53, 7);  
box-shadow:4px 4px 4px 4px rgb(240, 53, 7)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 53, 93.379, 43.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 53, 7) }
```

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

```
.background{ background-color: rgb(240, 53,  
7) }
```

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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