

Converting Colors

CIELCh(52, 93.250, 38.756)

Have a look what the booklet for
CIELCh(52, 93.250, 38.756) contains.

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Color

CIELCh(52, 93.031, 38.725)

Conversions

Conversions Part 1

Format	Color
Hex	F12518
RGB	241, 37, 24
RGB Percent	95%, 15%, 9%
CMY	0.0541, 0.8537, 0.9053
CMYK	0.00, 0.85, 0.90, 0.05
HSL	4°, 89%, 52%
HSV	4°, 90%, 95%
XYZ	37.1826, 20.1443, 2.8014
YIQ	96.5140, 125.7570, 39.2050

Conversions

Conversions Part 2

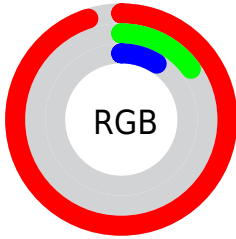
Format	Color
R_{YB}	241, 38, 24
Decimal	15803672
CIE _{Lab}	52.00, 72.58, 58.20
CIE _{LCh}	52, 93.031, 38.725
Yxy	20.1443, 0.6184, 0.3350
Android (android.graphics.Color)	4293993752 (0xFFFF12518)
YUV	96.5140, -35.7494, 126.7142
Hunter-Lab	44.8824, 69.3332, 27.7171

Details

The CIELCh color **52, 93.031, 38.725** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **83, 43.999, 205.836**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 72.057, 40.388**, and **36, 78.787, 39.944** is the 20% darker color. If you saturate the color by 10%, you get **51, 99.483, 40.472**, and if you desaturate by 10%, it is **54, 83.276, 36.104**.

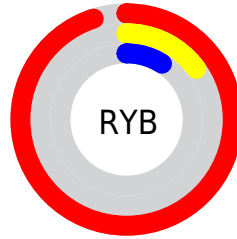
Distribution



Red (95%)

Green (15%)

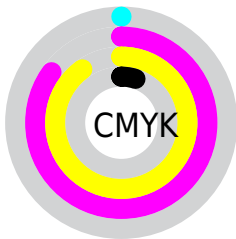
Blue (9%)



Red (95%)

Yellow (15%)

Blue (9%)

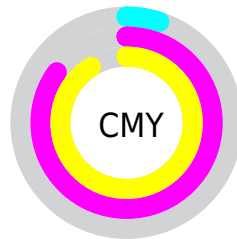


Cyan (0%)

Magenta (85%)

Yellow (90%)

Black (5%)



Cyan (5%)

Magenta (85%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 93.031, 38.725 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 52, 93.031, 38.725 by changing the saturation by 10% instead.

 52, 93.031, 38.725

 52, 93.031, 38.725

 100, 93.031,
38.725

 42, 93.031, 38.725

 72, 93.031, 38.725

 32, 93.031, 38.725

 82, 93.031, 38.725

 22, 93.031, 38.725

 92, 93.031, 38.725

 12, 93.031, 38.725

 2, 93.031, 38.725

 0, 93.031, 38.725

 52, 93.031, 38.725

 52, 93.031, 38.725

 51, 99.483, 40.472

 54, 83.276, 36.104

 51, 99.492, 40.476

 57, 72.003, 33.361

61, 60.318, 30.990

66, 48.760, 29.100

71, 37.644, 27.651

77, 27.155, 26.562

83, 17.379, 25.748

89, 8.333, 25.122

95, 0.017, 245.790

Harmonies

Complementary

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



52, 93.031, 38.725



83, 43.999, 205.836

Rectangle

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



52, 93.031, 38.725



52, 93.031, 88.725



52, 93.031, 218.725



52, 93.031, 268.725

Sweetspot

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



52, 93.028, 38.727



83, 25.284, 26.301



57, 104.731, 330.107



42, 17.273, 26.611



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 93.028, 38.727



54, 103.816, 40.449



68, 76.061, 67.051



47, 4.709, 25.092



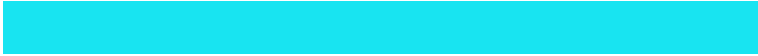
39, 80.864, 40.644



8, 28.541, 27.120

Inverse Universe

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



83, 43.999, 205.836



87, 46.263, 206.817



52, 69.533, 285.075



49, 4.428, 204.540



64, 36.196, 206.591



19, 15.954, 205.065

Previews

White Background



This preview shows how the CIELCh color 52, 93.031, 38.725 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 52, 93.031, 38.725 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 52, 93.031, 38.725

Background



This preview shows how black text looks on a background with the CIELCh color 52, 93.031, 38.725.



This preview shows how white text looks on a background with the CIELCh color 52, 93.031, 38.725.

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

52, 93.031, 38.725

Protanopia

52, 45.101, 95.945

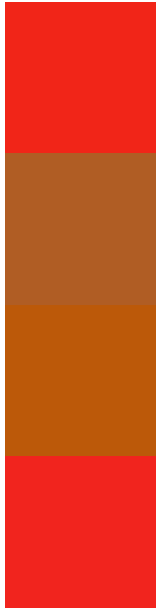
Deuteranopia

52, 58.437, 83.838



Tritanopia
52, 90.985, 36.728

Trichromacy



Original Color
52, 93.031, 38.725

Protanomaly
48, 54.493, 57.046

Deuteranomaly
49, 66.922, 57.406

Tritanomaly
52, 91.735, 37.406

Monochromacy



Original Color
52, 93.031, 38.725

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 34.824, 28.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 93.031, 38.725 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, 37, 24)` looks like.

```
.text, #text, p{  
    color:rgb(241, 37, 24)  
}
```

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, 37, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 37, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 93.031, 38.725 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, 37, 24) }
```

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

```
.border{ border-color:rgb(241, 37, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 37, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 37, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 37, 24);  
box-shadow:4px 4px 4px 4px rgb(241, 37,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 93.031, 38.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 37, 24) }
```

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

```
.background{ background-color: rgb(241, 37,  
24) }
```

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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