

Converting Colors

CIELCh(52, 94.813, 37.445)

Have a look what the booklet for
CIELCh(52, 94.813, 37.445) contains.

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Color

CIELCh(52, 94.727, 37.524)

Conversions

Conversions Part 1

Format	Color
Hex	F41B1A
RGB	244, 27, 26
RGB Percent	96%, 11%, 10%
CMY	0.0424, 0.8926, 0.8975
CMYK	0.00, 0.89, 0.89, 0.04
HSL	0°, 91%, 53%
HSV	0°, 89%, 96%
XYZ	37.9656, 20.1443, 2.8733
YIQ	91.7690, 129.6530, 45.6930

Conversions

Conversions Part 2

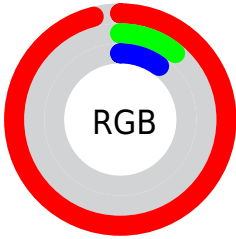
Format	Color
RYB	244, 27, 26
Decimal	15997722
CIELab	52.00, 75.13, 57.70
CIElCh	52, 94.727, 37.524
Yxy	20.1443, 0.6226, 0.3303
Android (android.graphics.Color)	4294187802 (0xFFFF41B1A)
YUV	91.7690, -32.4241, 133.5066
Hunter-Lab	44.8824, 72.4471, 27.6221

Details

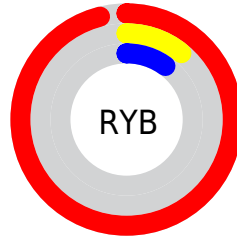
The CIELCh color **52, 94.727, 37.524** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **87, 47.408, 197.240**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 72.366, 38.363**, and **37, 79.814, 39.968** is the 20% darker color. If you saturate the color by 10%, you get **51, 100.756, 39.887**, and if you desaturate by 10%, it is **54, 85.258, 34.111**.

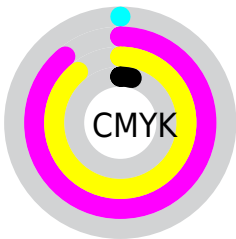
Distribution



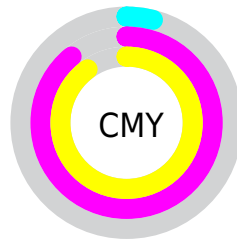
- Red (96%)
- Green (11%)
- Blue (10%)



- Red (96%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (89%)
- Yellow (89%)
- Black (4%)



- Cyan (4%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 94.727, 37.524 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, 94.727, 37.524 by changing the saturation by 10% instead.

 52, 94.727, 37.524

 52, 94.727, 37.524

 100, 94.727,
37.524

 42, 94.727, 37.524

 72, 94.727, 37.524

 32, 94.727, 37.524

 82, 94.727, 37.524

 22, 94.727, 37.524

 92, 94.727, 37.524


 12, 94.727, 37.524

 2, 94.727, 37.524

 0, 94.727, 37.524

 52, 94.727, 37.524

 52, 94.727, 37.524

 51, 100.756,
39.887

 54, 85.258, 34.111

 57, 74.142, 30.675

51, 101.133,
40.042

61, 62.404, 27.747

66, 50.586, 25.423

71, 39.063, 23.632

77, 28.086, 22.266

84, 17.794, 21.217

90, 8.235, 20.383

97, 0.602, 200.915

Harmonies

Complementary

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



52, 94.727, 37.524



87, 47.408, 197.240

Rectangle

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



52, 94.727, 37.524



52, 94.727, 87.524



52, 94.727, 217.524



52, 94.727, 267.524

Sweetspot

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



52, 94.724, 37.526



82, 26.587, 22.008



59, 109.477, 328.160



41, 18.149, 22.410



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, 94.724, 37.526



53, 104.507, 40.040



67, 77.194, 62.840



48, 5.051, 20.398



39, 82.471, 40.059



8, 30.897, 25.306

Inverse Universe

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



87, 47.408, 197.240



91, 49.700, 197.283



56, 63.479, 280.026



50, 4.755, 199.459



68, 39.239, 197.266



21, 17.465, 197.149

Previews

White Background



This preview shows how the CIELCh color 52, 94.727, 37.524 looks on a white background.

Color Contrast Check

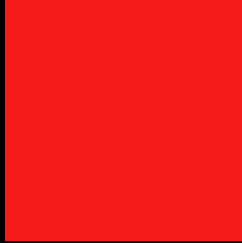
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.727, 37.524 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, 94.727, 37.524

Background



This preview shows how black text looks on a background with the CIELCh color 52, 94.727, 37.524.



This preview shows how white text looks on a background with the CIELCh color 52, 94.727, 37.524.

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, 94.727, 37.524

Protanopia

52, 43.312, 95.853

Deuteranopia

52, 58.437, 83.838



Tritanopia
52, 95.739, 38.514

Trichromacy



Original Color
52, 94.727, 37.524

Protanomaly
48, 54.205, 54.100

Deuteranomaly
49, 67.796, 55.407

Tritanomaly
52, 95.308, 38.163

Monochromacy



Original Color
52, 94.727, 37.524

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 36.559, 26.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 94.727, 37.524 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(244, 27, 26)` looks like.

```
.text, #text, p{  
    color:rgb(244, 27, 26)  
}
```

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(244, 27, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 27, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 94.727, 37.524 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(244, 27, 26) }
```

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

```
.border{ border-color:rgb(244, 27, 26) }
```

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

Here you see how a box with a 4 pixel rgb(244, 27, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 27, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 27, 26);  
box-shadow:4px 4px 4px 4px rgb(244, 27,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 94.727, 37.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 27, 26) }
```

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

```
.background{ background-color: rgb(244, 27,  
26) }
```

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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