

Converting Colors

CIELCh(52, 94.002, 34.976)

Have a look what the booklet for
CIELCh(52, 94.002, 34.976) contains.

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Color

CIELCh(52, 94.031, 35.005)

Conversions

Conversions Part 1

Format	Color
Hex	F61123
RGB	246, 17, 35
RGB Percent	96%, 7%, 14%
CMY	0.0349, 0.9320, 0.8624
CMYK	0.00, 0.93, 0.86, 0.03
HSL	355°, 93%, 52%
HSV	355°, 93%, 97%
XYZ	38.5542, 20.1443, 3.4522
YIQ	87.5230, 130.7060, 54.1460

Conversions

Conversions Part 2

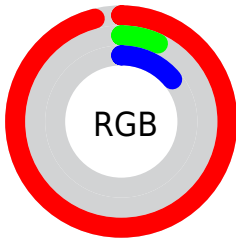
Format	Color
R_{YB}	246, 17, 35
Decimal	16126243
CIE _{Lab}	52.00, 77.02, 53.94
CIE _{LCh}	52, 94.031, 35.005
Yxy	20.1443, 0.6203, 0.3241
Android (android.graphics.Color)	4294316323 (0xFFFF61123)
YUV	87.5230, -25.8938, 138.9843
Hunter-Lab	44.8824, 74.7880, 26.8573

Details

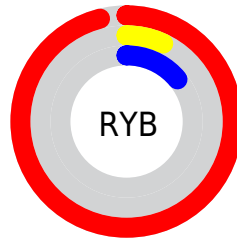
The CIELCh color **52, 94.031, 35.005** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **88, 51.648, 185.711**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 70.899, 34.502**, and **37, 80.493, 39.980** is the 20% darker color. If you saturate the color by 10%, you get **51, 98.628, 37.609**, and if you desaturate by 10%, it is **54, 85.631, 30.632**.

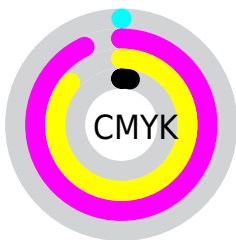
Distribution



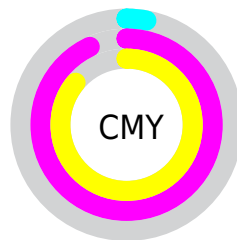
- Red (96%)
- Green (7%)
- Blue (14%)



- Red (96%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (93%)
- Yellow (86%)
- Black (3%)



- Cyan (3%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 94.031, 35.005 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, 94.031, 35.005 by changing the saturation by 10% instead.

■ 52, 94.031, 35.005

■ 52, 94.031, 35.005

■ 100, 94.031,
35.005

■ 42, 94.031, 35.005

■ 72, 94.031, 35.005

■ 32, 94.031, 35.005

■ 82, 94.031, 35.005

■ 22, 94.031, 35.005

■ 92, 94.031, 35.005

■ 12, 94.031, 35.005

■ 2, 94.031, 35.005

■ 0, 94.031, 35.005

■ 52, 94.031, 35.005

■ 52, 94.031, 35.005

■ 51, 98.628, 37.609

■ 54, 85.631, 30.632

■ 56, 75.854, 26.506

60, 65.227, 23.040

65, 54.144, 20.277

70, 42.989, 18.117

76, 32.086, 16.429

82, 21.656, 15.094

88, 11.816, 14.012

95, 2.608, 12.965

Harmonies

Complementary

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



52, 94.031, 35.005



88, 51.648, 185.711

Rectangle

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



52, 94.031, 35.005



52, 94.031, 85.005



52, 94.031, 215.005



52, 94.031, 265.005

Sweetspot

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



52, 94.027, 35.007



81, 27.633, 15.736



55, 111.631, 325.079



41, 19.334, 16.342



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, 94.027, 35.007



53, 101.404, 37.678



63, 82.603, 55.291



48, 5.098, 13.673



39, 79.315, 36.939



8, 30.557, 21.882

Inverse Universe

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



52, 94.027, 35.007



53, 101.404, 37.678



61, 56.535, 272.034



48, 5.098, 13.673



39, 79.315, 36.939



8, 30.557, 21.882

Previews

White Background



This preview shows how the CIELCh color 52, 94.031, 35.005 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, 94.031, 35.005 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, 94.031, 35.005

Background



This preview shows how black text looks on a background with the CIELCh color 52, 94.031, 35.005.



This preview shows how white text looks on a background with the CIELCh color 52, 94.031, 35.005.

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, 94.031, 35.005

Protanopia

52, 38.039, 95.424

Deuteranopia

52, 58.619, 83.399



Tritanopia
52, 99.529, 40.113

Trichromacy



Original Color
52, 94.031, 35.005

Protanomaly
47, 51.342, 47.320

Deuteranomaly
48, 68.339, 53.240

Tritanomaly
52, 97.913, 38.674

Monochromacy



Original Color
52, 94.031, 35.005

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 38.117, 20.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 94.031, 35.005 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(246, 17, 35)` looks like.

```
.text, #text, p{  
    color:rgb(246, 17, 35)  
}
```

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(246, 17, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 17, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 94.031, 35.005 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(246, 17, 35) }
```

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

```
.border{ border-color:rgb(246, 17, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 17, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 17, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 17, 35);  
box-shadow:4px 4px 4px 4px rgb(246, 17,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 94.031, 35.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 17, 35) }
```

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

```
.background{ background-color: rgb(246, 17,  
35) }
```

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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