

Converting Colors

CIELCh(52, 92.150, 39.144)

Have a look what the booklet for
CIELCh(52, 92.150, 39.144) contains.

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Color

CIELCh(52, 92.150, 39.144)

Conversions

Conversions Part 1

Format	Color
Hex	F02918
RGB	240, 41, 24
RGB Percent	94%, 16%, 9%
CMY	0.0593, 0.8398, 0.9063
CMYK	0.00, 0.83, 0.90, 0.06
HSL	5°, 88%, 52%
HSV	5°, 90%, 94%
XYZ	36.8448, 20.1443, 2.8052
YIQ	98.5630, 124.0610, 36.9010

Conversions

Conversions Part 2

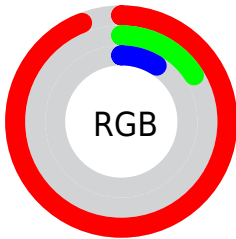
Format	Color
RYB	240, 42, 24
Decimal	15739160
CIELab	52.00, 71.47, 58.17
CIElCh	52, 92.150, 39.144
Yxy	20.1443, 0.6162, 0.3369
Android (android.graphics.Color)	4293929240 (0xFFFF02918)
YUV	98.5630, -36.7596, 124.0402
Hunter-Lab	44.8824, 67.9897, 27.7120

Details

The CIELCh color **52, 92.150, 39.144** 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 **81, 43.030, 208.930**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 71.328, 40.757**, and **36, 78.442, 39.934** is the 20% darker color. If you saturate the color by 10%, you get **51, 98.770, 40.671**, and if you desaturate by 10%, it is **54, 82.308, 36.774**.

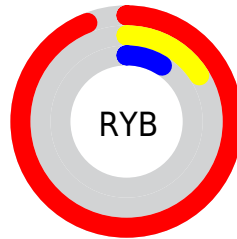
Distribution



Red (94%)

Green (16%)

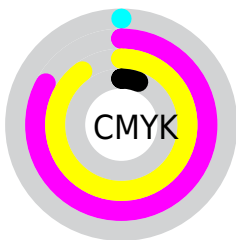
Blue (9%)



Red (94%)

Yellow (16%)

Blue (9%)

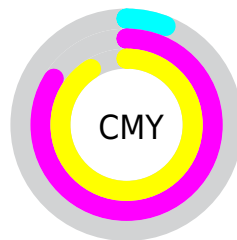


Cyan (0%)

Magenta (83%)

Yellow (90%)

Black (6%)



Cyan (6%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 92.150, 39.144 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, 92.150, 39.144 by changing the saturation by 10% instead.

■ 52, 92.150, 39.144

■ 52, 92.150, 39.144

■ 100, 92.150,
39.144

■ 42, 92.150, 39.144

■ 72, 92.150, 39.144

■ 32, 92.150, 39.144

■ 82, 92.150, 39.144

■ 22, 92.150, 39.144

■ 92, 92.150, 39.144

■ 12, 92.150, 39.144

■ 2, 92.150, 39.144

■ 0, 92.150, 39.144

■ 52, 92.150, 39.144

■ 52, 92.150, 39.144

■ 51, 98.770, 40.671

■ 54, 82.308, 36.774

■ 58, 71.018, 34.263

62, 59.386, 32.084

66, 47.943, 30.349

71, 36.982, 29.025

77, 26.669, 28.040

83, 17.074, 27.314

89, 8.205, 26.765

95, 0.029, 4.249

Harmonies

Complementary

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



52, 92.150, 39.144



81, 43.030, 208.930

Rectangle

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



52, 92.150, 39.144



52, 92.150, 89.144



52, 92.150, 219.144



52, 92.150, 269.144

Sweetspot

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



52, 92.147, 39.146



83, 24.892, 27.802



57, 103.023, 330.800



42, 17.008, 28.081



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, 92.147, 39.146



54, 103.507, 40.636



69, 75.596, 68.536



47, 4.632, 26.737



39, 80.581, 40.867



8, 28.189, 28.125

Inverse Universe

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



81, 43.030, 208.930



85, 45.401, 210.269



51, 71.407, 286.512



49, 4.355, 206.322



63, 35.527, 209.963



19, 15.681, 207.897

Previews

White Background



This preview shows how the CIELCh color 52, 92.150, 39.144 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, 92.150, 39.144 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, 92.150, 39.144

Background



This preview shows how black text looks on a background with the CIELCh color 52, 92.150, 39.144.



This preview shows how white text looks on a background with the CIELCh color 52, 92.150, 39.144.

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, 92.150, 39.144

Protanopia

52, 45.101, 95.945

Deuteranopia

52, 58.437, 83.838



Tritanopia
52, 89.212, 36.049

Trichromacy



Original Color
52, 92.150, 39.144

Protanomaly
49, 54.379, 57.646

Deuteranomaly
49, 66.396, 58.056

Tritanomaly
52, 90.362, 37.367

Monochromacy



Original Color
52, 92.150, 39.144

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 34.616, 30.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 92.150, 39.144 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, 41, 24)` looks like.

```
.text, #text, p{  
    color:rgb(240, 41, 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(240, 41, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 41, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 92.150, 39.144 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, 41, 24) }
```

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

```
.border{ border-color:rgb(240, 41, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 41, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 41, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 41, 24);  
box-shadow:4px 4px 4px 4px rgb(240, 41,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 92.150, 39.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 41, 24) }
```

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

```
.background{ background-color: rgb(240, 41,  
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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