

Converting Colors

CIELCh(54, 90.289, 35.290)

Have a look what the booklet for
CIELCh(54, 90.289, 35.290) contains.

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Color

CIELCh(54, 90.350, 35.227)

Conversions

Conversions Part 1

Format	Color
Hex	F92B2B
RGB	249, 43, 43
RGB Percent	98%, 17%, 17%
CMY	0.0245, 0.8325, 0.8320
CMYK	0.00, 0.83, 0.83, 0.02
HSL	360°, 94%, 57%
HSV	360°, 83%, 98%
XYZ	40.2678, 21.9746, 4.3889
YIQ	104.5940, 122.7760, 43.6720

Conversions

Conversions Part 2

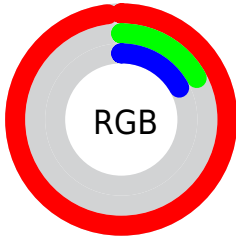
Format	Color
R _Y B	249, 43, 43
Decimal	16329515
CIE Lab	54.00, 73.80, 52.12
CIE LCh	54, 90.350, 35.227
Yxy	21.9746, 0.6043, 0.3298
Android (android.graphics.Color)	4294519595 (0xFFFF92B2B)
YUV	104.5940, -30.3658, 126.6441
Hunter-Lab	46.8770, 71.2982, 27.2629

Details

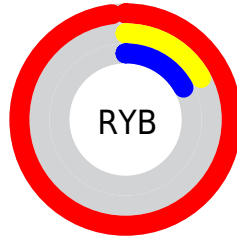
The CIELCh color **54, 90.350, 35.227** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **89, 47.582, 196.400**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 65.870, 35.613**, and **38, 81.502, 39.993** is the 20% darker color. If you saturate the color by 10%, you get **52, 98.801, 38.454**, and if you desaturate by 10%, it is **57, 79.559, 31.620**.

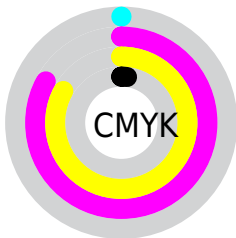
Distribution



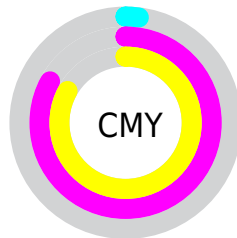
- Red (98%)
- Green (17%)
- Blue (17%)



- Red (98%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (83%)
- Yellow (83%)
- Black (2%)



- Cyan (2%)
- Magenta (83%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 90.350, 35.227 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 54, 90.350, 35.227 by changing the saturation by 10% instead.

 54, 90.350, 35.227

 54, 90.350, 35.227

 100, 90.350,
35.227

 44, 90.350, 35.227

 74, 90.350, 35.227

 34, 90.350, 35.227

 84, 90.350, 35.227

 24, 90.350, 35.227

 94, 90.350, 35.227

 14, 90.350, 35.227

 4, 90.350, 35.227

 0, 90.350, 35.227

 54, 90.350, 35.227

 54, 90.350, 35.227

 52, 98.801, 38.454

 57, 79.559, 31.620

 52, 102.606,

 60, 67.827, 28.411

39.983

65, 55.813, 25.817

71, 43.950, 23.803

76, 32.548, 22.263

83, 21.795, 21.084

89, 11.775, 20.164

96, 2.497, 19.267

100, 2.163,
199.574

Harmonies

Complementary

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



54, 90.350, 35.227



89, 47.582, 196.400

Rectangle

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



54, 90.350, 35.227



54, 90.350, 85.227



54, 90.350, 215.227



54, 90.350, 265.227

Sweetspot

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



54, 90.347, 35.229



83, 24.559, 21.318



60, 108.219, 327.491



42, 16.981, 21.721



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 90.347, 35.229



53, 104.033, 39.777



69, 73.813, 62.764



49, 5.167, 19.893



39, 83.363, 39.976



9, 32.191, 26.115

Inverse Universe

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



54, 90.347, 35.229



53, 104.033, 39.777



61, 58.139, 275.338



49, 5.167, 19.893



39, 83.363, 39.976



9, 32.191, 26.115

Previews

White Background



This preview shows how the CIELCh color 54, 90.350, 35.227 looks on a white background.

Color Contrast Check

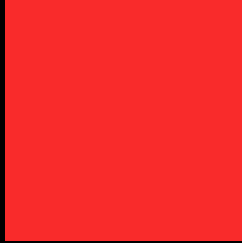
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 90.350, 35.227 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 54, 90.350, 35.227

Background



This preview shows how black text looks on a background with the CIELCh color 54, 90.350, 35.227.



This preview shows how white text looks on a background with the CIELCh color 54, 90.350, 35.227.

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

54, 90.350, 35.227

Protanopia

54, 36.781, 96.229

Deuteranopia

54, 56.351, 82.810



Tritanopia
54, 90.874, 35.742

Trichromacy



Original Color
54, 90.350, 35.227

Protanomaly
51, 48.112, 51.377

Deuteranomaly
51, 64.285, 55.246

Tritanomaly
54, 90.612, 35.487

Monochromacy



Original Color
54, 90.350, 35.227

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 34.089, 24.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 90.350, 35.227 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(249, 43, 43)` looks like.

```
.text, #text, p{  
  color:rgb(249, 43, 43)  
}
```

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(249, 43, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 43, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 90.350, 35.227 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(249, 43, 43) }
```

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

```
.border{ border-color:rgb(249, 43, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 43, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 43, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 43, 43);  
box-shadow:4px 4px 4px 4px rgb(249, 43,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 90.350, 35.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 43, 43) }
```

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

```
.background{ background-color: rgb(249, 43,  
43) }
```

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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