

Converting Colors

CIELCh(53, 92.078, 33.200)

Have a look what the booklet for
CIELCh(53, 92.078, 33.200) contains.

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Color

CIELCh(53, 92.147, 33.308)

Conversions

Conversions Part 1

Format	Color
Hex	F9192C
RGB	249, 25, 44
RGB Percent	98%, 10%, 17%
CMY	0.0231, 0.9010, 0.8272
CMYK	0.00, 0.90, 0.82, 0.02
HSL	355°, 95%, 54%
HSV	355°, 90%, 98%
XYZ	39.9134, 21.0462, 4.3486
YIQ	94.1420, 127.4050, 53.3970

Conversions

Conversions Part 2

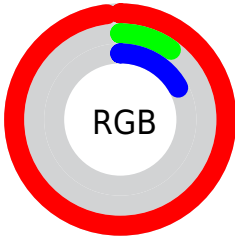
Format	Color
R_{YB}	249, 25, 44
Decimal	16324908
CIE Lab	53.00, 77.01, 50.60
CIE LCh	53, 92.147, 33.308
Yxy	21.0462, 0.6112, 0.3223
Android (android.graphics.Color)	4294514988 (0xFFFF9192C)
YUV	94.1420, -24.7200, 135.8105
Hunter-Lab	45.8761, 75.0165, 26.4932

Details

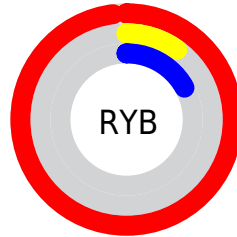
The CIELCh color **53, 92.147, 33.308** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **89, 52.040, 185.184**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 68.156, 32.364**, and **38, 81.502, 39.993** is the 20% darker color. If you saturate the color by 10%, you get **52, 99.154, 37.325**, and if you desaturate by 10%, it is **55, 83.229, 28.876**.

Distribution



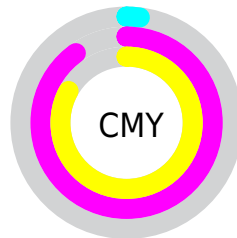
- Red (98%)
- Green (10%)
- Blue (17%)



- Red (98%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (90%)
- Yellow (82%)
- Black (2%)



- Cyan (2%)
- Magenta (90%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 92.147, 33.308 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 53, 92.147, 33.308 by changing the saturation by 10% instead.

 53, 92.147, 33.308

 53, 92.147, 33.308

 100, 92.147,
33.308

 43, 92.147, 33.308

 73, 92.147, 33.308

 33, 92.147, 33.308

 83, 92.147, 33.308

 23, 92.147, 33.308

 93, 92.147, 33.308

 13, 92.147, 33.308

 3, 92.147, 33.308

 0, 92.147, 33.308

 53, 92.147, 33.308

 53, 92.147, 33.308

 52, 99.154, 37.325

 55, 83.229, 28.876

 52, 99.233, 37.366

 58, 73.145, 24.905

62, 62.311, 21.645

67, 51.117, 19.071

72, 39.941, 17.060

78, 29.083, 15.482

85, 18.736, 14.225

91, 8.995, 13.187

98, 0.116, 197.953

Harmonies

Complementary

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



53, 92.147, 33.308



89, 52.040, 185.184

Rectangle

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



53, 92.147, 33.308



53, 92.147, 83.308



53, 92.147, 213.308



53, 92.147, 263.308

Sweetspot

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



53, 92.143, 33.310



82, 26.561, 15.098



56, 111.809, 324.530



41, 18.088, 15.565



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 92.143, 33.310



53, 101.067, 37.413



64, 81.788, 54.710



49, 5.189, 13.151



39, 79.873, 36.683



9, 31.616, 22.740

Inverse Universe

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



53, 92.143, 33.310



53, 101.067, 37.413



63, 53.811, 268.232



49, 5.189, 13.151



39, 79.873, 36.683



9, 31.616, 22.740

Previews

White Background



This preview shows how the CIELCh color 53, 92.147, 33.308 looks on a white background.

Color Contrast Check

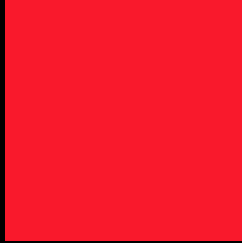
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 53, 92.147, 33.308 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 53, 92.147, 33.308

Background



This preview shows how black text looks on a background with the CIELCh color 53, 92.147, 33.308.



This preview shows how white text looks on a background with the CIELCh color 53, 92.147, 33.308.

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

53, 92.147, 33.308

Protanopia

53, 33.268, 95.644

Deuteranopia

53, 55.214, 82.902



Tritanopia
53, 96.921, 38.303

Trichromacy



Original Color
53, 92.147, 33.308



Protanomaly
49, 47.987, 44.761



Deuteranomaly
50, 64.529, 51.783



Tritanomaly
53, 95.170, 36.679

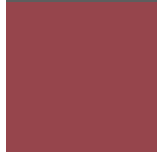
Monochromacy



Original Color
53, 92.147, 33.308



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 36.773, 19.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 92.147, 33.308 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, 25, 44)` looks like.

```
.text, #text, p{  
    color:rgb(249, 25, 44)  
}
```

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, 25, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 25, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 92.147, 33.308 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, 25, 44) }
```

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

```
.border{ border-color:rgb(249, 25, 44) }
```

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

Here you see how a box with a 4 pixel rgb(249, 25, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 25, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 25, 44);  
box-shadow:4px 4px 4px 4px rgb(249, 25,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 92.147, 33.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 25, 44) }
```

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

```
.background{ background-color: rgb(249, 25,  
44) }
```

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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