

Converting Colors

CIELCh(54, 94.734, 33.179)

Have a look what the booklet for
CIELCh(54, 94.734, 33.179) contains.

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Color

CIELCh(54, 94.706, 33.250)

Conversions

Conversions Part 1

Format	Color
Hex	FF142C
RGB	255, 20, 44
RGB Percent	100%, 8%, 17%
CMY	0.0000, 0.9230, 0.8268
CMYK	0.00, 0.92, 0.83, 0.00
HSL	354°, 100%, 54%
HSV	354°, 92%, 100%
XYZ	42.0289, 21.9746, 4.4252
YIQ	93.0010, 132.3560, 57.2840

Conversions

Conversions Part 2

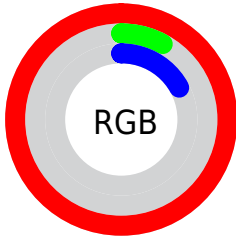
Format	Color
R_{YB}	255, 20, 44
Decimal	16716844
CIE _{Lab}	54.00, 79.20, 51.93
CIE _{LCh}	54, 94.706, 33.250
Y _{xy}	21.9746, 0.6142, 0.3211
Android (android.graphics.Color)	4294906924 (0xFFFF142C)
YUV	93.0010, -24.1575, 142.0731
Hunter-Lab	46.8770, 78.0045, 27.2169

Details

The CIELCh color **54, 94.706, 33.250** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **91, 54.458, 182.427**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 67.920, 31.955**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 99.954, 36.511**, and if you desaturate by 10%, it is **56, 86.152, 28.597**.

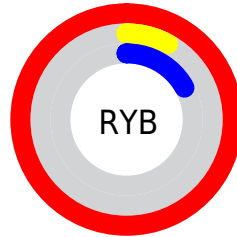
Distribution



Red (100%)

Green (8%)

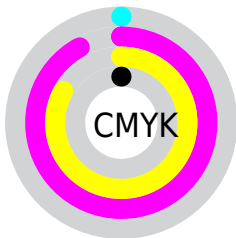
Blue (17%)



Red (100%)

Yellow (8%)

Blue (17%)

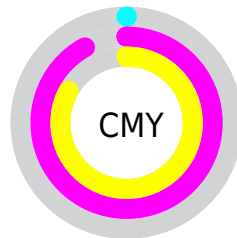


Cyan (0%)

Magenta (92%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (92%)

Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 94.706, 33.250 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, 94.706, 33.250 by changing the saturation by 10% instead.

 54, 94.706, 33.250

 54, 94.706, 33.250

 100, 94.706,
33.250

 44, 94.706, 33.250

 74, 94.706, 33.250

 34, 94.706, 33.250

 84, 94.706, 33.250

 24, 94.706, 33.250

 94, 94.706, 33.250

 14, 94.706, 33.250

 4, 94.706, 33.250

 0, 94.706, 33.250

 54, 94.706, 33.250

 54, 94.706, 33.250

 53, 99.954, 36.511

 56, 86.152, 28.597

 58, 76.429, 24.389

62, 65.809, 20.911

67, 54.657, 18.153

73, 43.368, 15.993

79, 32.283, 14.295

85, 21.636, 12.941

92, 11.557, 11.829

98, 2.092, 10.687

Harmonies

Complementary

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



54, 94.706, 33.250



91, 54.458, 182.427

Rectangle

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



54, 94.706, 33.250



54, 94.706, 83.250



54, 94.706, 213.250



54, 94.706, 263.250

Sweetspot

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



54, 94.620, 33.240



81, 27.642, 13.677



56, 114.816, 323.878



41, 19.321, 14.298



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, 94.620, 33.240



53, 99.954, 36.511



64, 85.882, 53.028



50, 5.293, 11.546



40, 79.775, 35.738



10, 32.573, 22.941

Inverse Universe

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



54, 94.620, 33.240



53, 99.954, 36.511



65, 54.316, 267.120



50, 5.293, 11.546



40, 79.775, 35.738



10, 32.573, 22.941

Previews

White Background



This preview shows how the CIELCh color 54, 94.706, 33.250 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, 94.706, 33.250 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, 94.706, 33.250

Background



This preview shows how black text looks on a background with the CIELCh color 54, 94.706, 33.250.



This preview shows how white text looks on a background with the CIELCh color 54, 94.706, 33.250.

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, 94.635, 33.302

Protanopia

54, 34.727, 95.985

Deuteranopia

54, 56.607, 82.867



Tritanopia
54, 100.772, 39.352

Trichromacy



Original Color
54, 94.635, 33.302

Protanomaly
49, 49.720, 44.173

Deuteranomaly
50, 66.587, 50.975

Tritanomaly
54, 98.752, 37.538

Monochromacy



Original Color
54, 94.635, 33.302

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 38.944, 18.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 94.706, 33.250 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(255, 20, 44)` looks like.

```
.text, #text, p{  
    color:rgb(255, 20, 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(255, 20, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 20, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 94.706, 33.250 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(255, 20, 44) }
```

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

```
.border{ border-color:rgb(255, 20, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 20, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 20, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 20, 44);  
box-shadow:4px 4px 4px 4px rgb(255, 20,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 94.706, 33.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 20, 44) }
```

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

```
.background{ background-color: rgb(255, 20,  
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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