

Converting Colors

CIELCh(54, 94.498, 32.639)

Have a look what the booklet for
CIELCh(54, 94.498, 32.639) contains.

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Color

CIELCh(54, 94.327, 32.622)

Conversions

Conversions Part 1

Format	Color
Hex	FF122E
RGB	255, 18, 46
RGB Percent	100%, 7%, 18%
CMY	0.0000, 0.9288, 0.8185
CMYK	0.00, 0.93, 0.82, 0.00
HSL	353°, 100%, 54%
HSV	353°, 93%, 100%
XYZ	42.1101, 21.9746, 4.6361
YIQ	92.0550, 132.2640, 58.9520

Conversions

Conversions Part 2

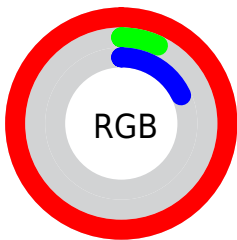
Format	Color
RYB	255, 18, 46
Decimal	16716334
CIELab	54.00, 79.45, 50.85
CIElCh	54, 94.327, 32.622
Yxy	21.9746, 0.6128, 0.3198
Android (android.graphics.Color)	4294906414 (0xFFFF122E)
YUV	92.0550, -22.7051, 142.9028
Hunter-Lab	46.8770, 78.3137, 26.9502

Details

The CIELCh color **54, 94.327, 32.622** 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 **90, 55.412, 180.602**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 67.952, 31.206**, and **39, 82.912, 39.784** is the 20% darker color. If you saturate the color by 10%, you get **53, 99.090, 35.777**, and if you desaturate by 10%, it is **56, 85.976, 27.832**.

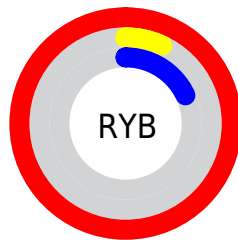
Distribution



Red (100%)

Green (7%)

Blue (18%)



Red (100%)

Yellow (7%)

Blue (18%)

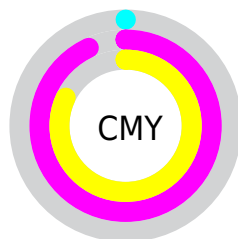


Cyan (0%)

Magenta (93%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (93%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 94.327, 32.622 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, 94.327, 32.622 by changing the saturation by 10% instead.

 54, 94.327, 32.622

 54, 94.327, 32.622

 100, 94.327,
32.622

 44, 94.327, 32.622

 74, 94.327, 32.622

 34, 94.327, 32.622

 84, 94.327, 32.622

 24, 94.327, 32.622

 94, 94.327, 32.622

 14, 94.327, 32.622

 4, 94.327, 32.622

 0, 94.327, 32.622

 54, 94.327, 32.622

 54, 94.327, 32.622

 53, 99.090, 35.777

 56, 85.976, 27.832

 58, 76.538, 23.542

62, 66.153, 20.005

67, 55.165, 17.200

72, 43.971, 15.000

78, 32.923, 13.266

85, 22.271, 11.879

91, 12.156, 10.738

98, 2.635, 9.627

Harmonies

Complementary

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



54, 94.327, 32.622



90, 55.412, 180.602

Rectangle

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



54, 94.327, 32.622



54, 94.327, 82.622



54, 94.327, 212.622



54, 94.327, 262.622

Sweetspot

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



54, 94.180, 32.602



81, 27.663, 12.552



55, 115.158, 323.264



41, 19.326, 13.179



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, 94.180, 32.602



53, 99.090, 35.777



63, 87.042, 51.794



50, 5.308, 10.388



40, 79.061, 34.953



10, 32.476, 22.333

Inverse Universe

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



54, 94.180, 32.602



53, 99.090, 35.777



66, 52.948, 264.902



50, 5.308, 10.388



40, 79.061, 34.953



10, 32.476, 22.333

Previews

White Background



This preview shows how the CIELCh color 54, 94.327, 32.622 looks on a white background.

Color Contrast Check

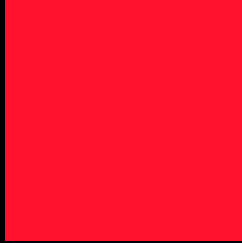
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.327, 32.622 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, 94.327, 32.622

Background



This preview shows how black text looks on a background with the CIELCh color 54, 94.327, 32.622.



This preview shows how white text looks on a background with the CIELCh color 54, 94.327, 32.622.

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, 94.262, 32.670

Protanopia

54, 33.074, 96.540

Deuteranopia

54, 55.049, 83.010



Tritanopia
54, 100.859, 39.293

Trichromacy



Original Color
54, 94.262, 32.670

Protanomaly
49, 48.516, 42.147

Deuteranomaly
50, 65.002, 50.153

Tritanomaly
54, 98.833, 37.481

Monochromacy



Original Color
54, 94.262, 32.670

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 38.912, 17.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 94.327, 32.622 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, 18, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 18, 46)  
}
```

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, 18, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 18, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 94.327, 32.622 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, 18, 46) }
```

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

```
.border{ border-color:rgb(255, 18, 46) }
```

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

Here you see how a box with a 4 pixel rgb(255, 18, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 18, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 18, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 18,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 94.327, 32.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 18, 46) }
```

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

```
.background{ background-color: rgb(255, 18,  
46) }
```

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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