

Converting Colors

CIELCh(54, 95.451, 33.929)

Have a look what the booklet for
CIELCh(54, 95.451, 33.929) contains.

CIELCh(54, 95.473, 34.015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 95.473, 34.015)

Conversions

Conversions Part 1

Format	Color
Hex	FF1429
RGB	255, 20, 41
RGB Percent	100%, 8%, 16%
CMY	0.0000, 0.9223, 0.8384
CMYK	0.00, 0.92, 0.84, 0.00
HSL	355°, 100%, 54%
HSV	355°, 92%, 100%
XYZ	42.0076, 21.9746, 4.1452
YIQ	92.6590, 133.3190, 56.3510

Conversions

Conversions Part 2

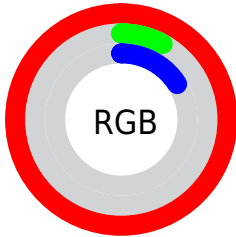
Format	Color
R_{YB}	255, 20, 41
Decimal	16716841
CIE _{Lab}	54.00, 79.14, 53.41
CIE _{LCh}	54, 95.473, 34.015
Yxy	21.9746, 0.6166, 0.3226
Android (android.graphics.Color)	4294906921 (0xFFFF1429)
YUV	92.6590, -25.4679, 142.3731
Hunter-Lab	46.8770, 77.9231, 27.5710

Details

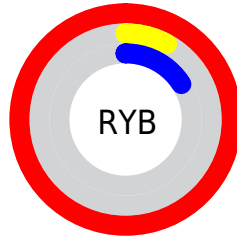
The CIELCh color **54, 95.473, 34.015** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **91, 53.702, 184.068**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 68.895, 32.832**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 100.699, 37.119**, and if you desaturate by 10%, it is **56, 86.736, 29.478**.

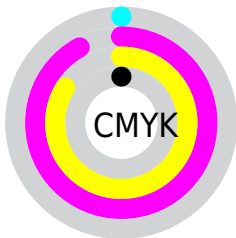
Distribution



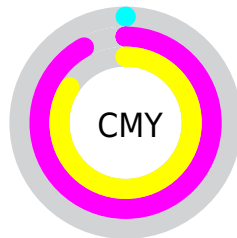
- Red (100%)
- Green (8%)
- Blue (16%)



- Red (100%)
- Yellow (8%)
- Blue (16%)



- Cyan (0%)
- Magenta (92%)
- Yellow (84%)
- Black (0%)



- Cyan (0%)
- Magenta (92%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 95.473, 34.015 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, 95.473, 34.015 by changing the saturation by 10% instead.

 54, 95.473, 34.015

 54, 95.473, 34.015

 100, 95.473,
34.015

 44, 95.473, 34.015

 74, 95.473, 34.015

 34, 95.473, 34.015

 84, 95.473, 34.015

 24, 95.473, 34.015

 94, 95.473, 34.015


 14, 95.473, 34.015

 4, 95.473, 34.015

 0, 95.473, 34.015

 54, 95.473, 34.015

 54, 95.473, 34.015

 53, 100.699,
37.119

 56, 86.736, 29.478

 58, 76.807, 25.322

62, 66.008, 21.868

67, 54.722, 19.126

73, 43.344, 16.982

79, 32.208, 15.300

85, 21.540, 13.964

92, 11.463, 12.873

98, 2.020, 11.740

Harmonies

Complementary

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



54, 95.473, 34.015



91, 53.702, 184.068

Rectangle

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



54, 95.473, 34.015



54, 95.473, 84.015



54, 95.473, 214.015



54, 95.473, 264.015

Sweetspot

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



54, 95.360, 34.003



81, 27.632, 14.700



57, 114.645, 324.482



41, 19.324, 15.314



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, 95.360, 34.003



53, 100.699, 37.119



64, 85.132, 54.210



50, 5.282, 12.602



40, 80.400, 36.399



10, 32.664, 23.489

Inverse Universe

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



54, 95.360, 34.003



53, 100.699, 37.119



64, 55.986, 269.478



50, 5.282, 12.602



40, 80.400, 36.399



10, 32.664, 23.489

Previews

White Background



This preview shows how the CIELCh color 54, 95.473, 34.015 looks on a white background.

Color Contrast Check

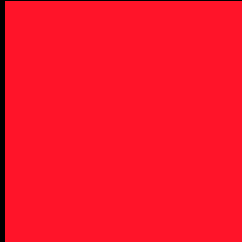
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.473, 34.015 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, 95.473, 34.015

Background



This preview shows how black text looks on a background with the CIELCh color 54, 95.473, 34.015.



This preview shows how white text looks on a background with the CIELCh color 54, 95.473, 34.015.

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, 95.403, 34.067

Protanopia

54, 36.271, 96.174

Deuteranopia

54, 58.517, 83.272



Tritanopia
54, 101.026, 39.417

Trichromacy



Original Color

54, 95.403, 34.067



Protanomaly

49, 50.732, 45.613



Deuteranomaly

50, 68.474, 52.405



Tritanomaly

54, 99.273, 37.836

Monochromacy



Original Color

54, 95.403, 34.067



Achromatopsia

39, 0.006, 296.813



Achromatomaly

40, 39.047, 19.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 95.473, 34.015 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 20, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 20, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 95.473, 34.015 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, 41) }
```

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

```
.border{ border-color:rgb(255, 20, 41) }
```

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, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 20, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 20, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 20,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 95.473, 34.015 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, 41) }
```

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

```
.background{ background-color: rgb(255, 20,  
41) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor