

Converting Colors

CIELCh(54, 95.832, 34.630)

Have a look what the booklet for
CIELCh(54, 95.832, 34.630) contains.

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Color

CIELCh(54, 95.839, 34.610)

Conversions

Conversions Part 1

Format	Color
Hex	FF1527
RGB	255, 21, 39
RGB Percent	100%, 8%, 15%
CMY	0.0000, 0.9165, 0.8467
CMYK	0.00, 0.92, 0.85, 0.00
HSL	355°, 100%, 54%
HSV	355°, 92%, 100%
XYZ	41.9224, 21.9746, 3.9583
YIQ	93.0180, 133.6860, 55.2060

Conversions

Conversions Part 2

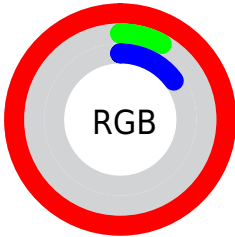
Format	Color
RYB	255, 21, 39
Decimal	16717095
CIELab	54.00, 78.88, 54.44
CIElCh	54, 95.839, 34.610
Yxy	21.9746, 0.6178, 0.3238
Android (android.graphics.Color)	4294907175 (0xFFFF1527)
YUV	93.0180, -26.6309, 142.0582
Hunter-Lab	46.8770, 77.5986, 27.8074

Details

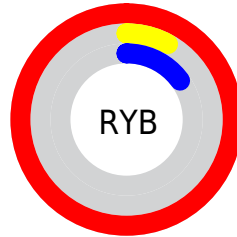
The CIELCh color **54, 95.839, 34.610** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **91, 52.830, 186.014**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 69.138, 33.958**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 101.480, 37.737**, and if you desaturate by 10%, it is **56, 86.934, 30.229**.

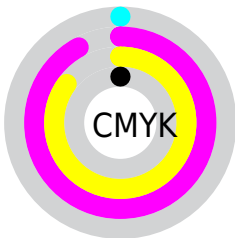
Distribution



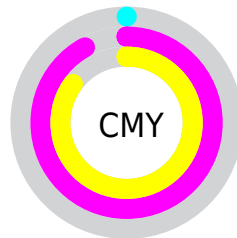
- Red (100%)
- Green (8%)
- Blue (15%)



- Red (100%)
- Yellow (8%)
- Blue (15%)



- Cyan (0%)
- Magenta (92%)
- Yellow (85%)
- Black (0%)



- Cyan (0%)
- Magenta (92%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 95.839, 34.610 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, 95.839, 34.610 by changing the saturation by 10% instead.

 54, 95.839, 34.610

 54, 95.839, 34.610

 100, 95.839,
34.610

 44, 95.839, 34.610

 74, 95.839, 34.610

 34, 95.839, 34.610

 84, 95.839, 34.610

 24, 95.839, 34.610

 94, 95.839, 34.610


 14, 95.839, 34.610

 4, 95.839, 34.610

 0, 95.839, 34.610

 54, 95.839, 34.610

 54, 95.839, 34.610

 53, 101.480,
37.737

 56, 86.934, 30.229

 59, 76.726, 26.167

63, 65.693, 22.783

67, 54.241, 20.097

73, 42.766, 17.999

79, 31.589, 16.360

85, 20.923, 15.063

92, 10.878, 14.005

99, 1.486, 12.794

Harmonies

Complementary

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



54, 95.839, 34.610



91, 52.830, 186.014

Rectangle

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



54, 95.839, 34.610



54, 95.839, 84.610



54, 95.839, 214.610



54, 95.839, 264.610

Sweetspot

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



54, 95.797, 34.608



82, 26.561, 15.721



58, 114.337, 325.098



41, 18.092, 16.184



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, 95.797, 34.608



53, 101.480, 37.737



65, 84.054, 55.550



50, 5.271, 13.798



40, 81.069, 37.081



10, 32.770, 24.104

Inverse Universe

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



54, 95.797, 34.608



53, 101.480, 37.737



63, 57.470, 271.461



50, 5.271, 13.798



40, 81.069, 37.081



10, 32.770, 24.104

Previews

White Background



This preview shows how the CIELCh color 54, 95.839, 34.610 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, 95.839, 34.610 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, 95.839, 34.610

Background



This preview shows how black text looks on a background with the CIELCh color 54, 95.839, 34.610.



This preview shows how white text looks on a background with the CIELCh color 54, 95.839, 34.610.

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, 95.839, 34.610

Protanopia

54, 37.881, 95.638

Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 100.772, 39.352

Trichromacy



Original Color
54, 95.839, 34.610



Protanomaly
49, 51.765, 46.971



Deuteranomaly
50, 69.872, 53.898



Tritanomaly
54, 99.192, 37.892

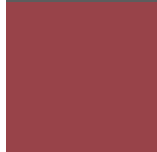
Monochromacy



Original Color
54, 95.839, 34.610



Achromatopsia
39, 0.006, 296.813



Achromatomaly
40, 38.777, 21.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 95.839, 34.610 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, 21, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 21, 39)  
}
```

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, 21, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 21, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 95.839, 34.610 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, 21, 39) }
```

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

```
.border{ border-color:rgb(255, 21, 39) }
```

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

Here you see how a box with a 4 pixel rgb(255, 21, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 21, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 21, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 21,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 95.839, 34.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 21, 39) }
```

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

```
.background{ background-color: rgb(255, 21,  
39) }
```

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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