

Converting Colors

CIELCh(56, 92.538, 27.769)

Have a look what the booklet for
CIELCh(56, 92.538, 27.769) contains.

CIELCh(54, 89.494, 27.073)	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, 89.494, 27.073)

Conversions

Conversions Part 1

Format	Color
Hex	FE1341
RGB	254, 19, 65
RGB Percent	100%, 7%, 25%
CMY	0.0023, 0.9272, 0.7467
CMYK	0.00, 0.93, 0.75, 0.00
HSL	348°, 100%, 54%
HSV	348°, 93%, 100%
XYZ	42.1902, 21.9746, 6.9577
YIQ	94.5090, 125.2940, 64.1260

Conversions

Conversions Part 2

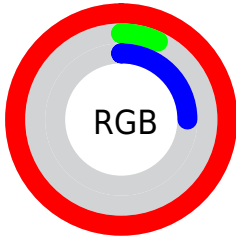
Format	Color
R_{YB}	254, 19, 65
Decimal	16651073
CIE _{Lab}	54.00, 79.69, 40.73
CIE _{LCh}	54, 89.494, 27.073
Yxy	21.9746, 0.5932, 0.3090
Android (android.graphics.Color)	4294841153 (0xFFFE1341)
YUV	94.5090, -14.5479, 139.8736
Hunter-Lab	46.8770, 78.6185, 24.0138

Details

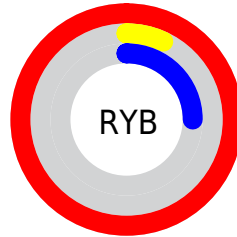
The CIELCh color **54, 89.494, 27.073** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **90, 60.412, 172.293**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 64.232, 22.274**, and **39, 77.832, 34.693** is the 20% darker color. If you saturate the color by 10%, you get **53, 94.041, 30.961**, and if you desaturate by 10%, it is **56, 82.476, 21.949**.

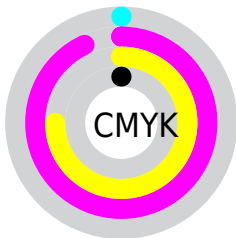
Distribution



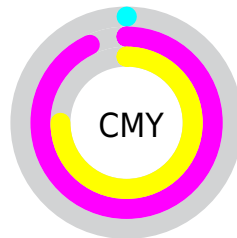
- Red (100%)
- Green (7%)
- Blue (25%)



- Red (100%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (93%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 89.494, 27.073 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, 89.494, 27.073 by changing the saturation by 10% instead.

■ 54, 89.494, 27.073

■ 54, 89.494, 27.073

■ 100, 89.494,
27.073

■ 44, 89.494, 27.073

■ 74, 89.494, 27.073

■ 34, 89.494, 27.073

■ 84, 89.494, 27.073

■ 24, 89.494, 27.073

■ 94, 89.494, 27.073

■ 14, 89.494, 27.073

■ 4, 89.494, 27.073

■ 0, 89.494, 27.073

■ 54, 89.494, 27.073

■ 54, 89.494, 27.073

■ 53, 94.041, 30.961

■ 56, 82.476, 21.949

■ 58, 74.224, 17.597

62, 64.787, 14.095

67, 54.478, 11.334

73, 43.727, 9.155

78, 32.923, 7.413

85, 22.354, 5.992

91, 12.193, 4.799

98, 2.529, 3.620

Harmonies

Complementary

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



54, 89.494, 27.073



90, 60.412, 172.293

Rectangle

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



54, 89.494, 27.073



54, 89.494, 77.073



54, 89.494, 207.073



54, 89.494, 257.073

Sweetspot

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



54, 89.490, 27.075



82, 27.961, 6.711



53, 115.714, 320.940



41, 19.481, 7.352



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, 89.490, 27.075



53, 94.213, 30.968



60, 89.819, 47.819



50, 5.420, 4.448



40, 75.183, 29.954



10, 32.012, 18.973

Inverse Universe

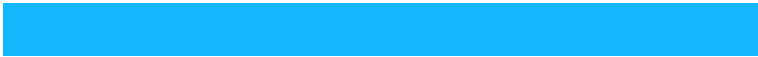
The Inverse Universe completely reimagines the original color for something new.



54, 89.490, 27.075



53, 94.213, 30.968



70, 47.397, 253.496



50, 5.420, 4.448



40, 75.183, 29.954



10, 32.012, 18.973

Previews

White Background



This preview shows how the CIELCh color 54, 89.494, 27.073 looks on a white background.

Color Contrast Check

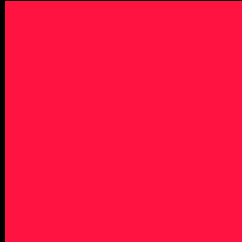
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.494, 27.073 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, 89.494, 27.073

Background



This preview shows how black text looks on a background with the CIELCh color 54, 89.494, 27.073.



This preview shows how white text looks on a background with the CIELCh color 54, 89.494, 27.073.

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, 89.228, 26.929

Protanopia

54, 19.793, 96.309

Deuteranopia

54, 44.555, 80.390



Tritanopia
54, 97.991, 38.164

Trichromacy



Original Color
54, 89.228, 26.929



Protanomaly
49, 41.845, 28.226



Deuteranomaly
50, 57.260, 41.961

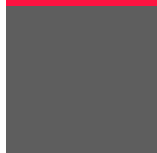


Tritanomaly
54, 95.088, 34.873

Monochromacy



Original Color
54, 89.228, 26.929



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 38.049, 12.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 89.494, 27.073 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(254, 19, 65)` looks like.

```
.text, #text, p{  
    color:rgb(254, 19, 65)  
}
```

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(254, 19, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 19, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 89.494, 27.073 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(254, 19, 65) }
```

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

```
.border{ border-color:rgb(254, 19, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 19, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 19, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 19, 65);  
box-shadow:4px 4px 4px 4px rgb(254, 19,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 89.494, 27.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 19, 65) }
```

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

```
.background{ background-color: rgb(254, 19,  
65) }
```

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