

Converting Colors

CIELCh(54, 102.692, 41.141)

Have a look what the booklet for
CIELCh(54, 102.692, 41.141)
contains.

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Color

CIELCh(54, 102.507, 41.065)

Conversions

Conversions Part 1

Format	Color
Hex	FE1D00
RGB	254, 29, 0
RGB Percent	100%, 11%, 0%
CMY	0.0029, 0.8882, 0.9990
CMYK	0.00, 0.89, 1.00, 0.00
HSL	7°, 100%, 50%
HSV	7°, 100%, 100%
XYZ	41.3984, 21.9746, 2.0668
YIQ	92.9690, 143.4090, 38.6810

Conversions

Conversions Part 2

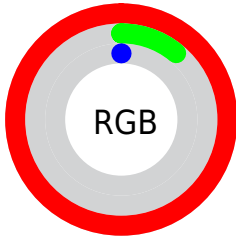
Format	Color
RYB	254, 33, 0
Decimal	16653568
CIELab	54.00, 77.29, 67.34
CIElCh	54, 102.507, 41.065
Yxy	21.9746, 0.6326, 0.3358
Android (android.graphics.Color)	4294843648 (0xFFFE1D00)
YUV	92.9690, -45.8337, 141.2242
Hunter-Lab	46.8770, 75.6034, 30.1998

Details

The CIELCh color **54, 102.507, 41.065** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **83, 44.127, 216.899**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 76.375, 43.667**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **54, 102.565, 41.080**, and if you desaturate by 10%, it is **56, 95.353, 40.034**.

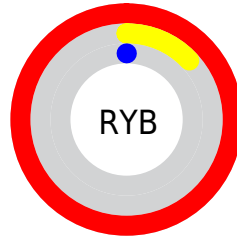
Distribution



Red (100%)

Green (11%)

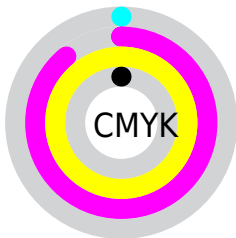
Blue (0%)



Red (100%)

Yellow (13%)

Blue (0%)

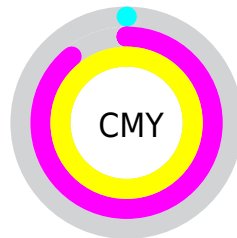


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 102.507, 41.065 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, 102.507, 41.065 by changing the saturation by 10% instead.


 54, 102.507,
41.065


 54, 102.507,
41.065


 100, 102.507,
41.065


 44, 102.507,
41.065


 74, 102.507,
41.065

 34, 102.507,
41.065

 84, 102.507,
41.065

 24, 102.507,
41.065

 94, 102.507,
41.065

 14, 102.507,
41.065

 4, 102.507, 41.065

 0, 102.507, 41.065

■ 54, 102.507,
41.065

■ 54, 102.507,
41.065

■ 54, 102.565,
41.080

■ 56, 95.353, 40.034

■ 58, 84.866, 38.116

■ 62, 72.956, 36.014

■ 66, 60.799, 34.179

■ 71, 48.939, 32.725

■ 76, 37.656, 31.632

■ 82, 27.089, 30.841

■ 88, 17.290, 30.284

■ 94, 8.248, 29.884

Harmonies

Complementary

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



54, 102.507, 41.065



83, 44.127, 216.899

Rectangle

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



54, 102.507, 41.065



54, 102.507, 91.065



54, 102.507, 221.065



54, 102.507, 271.065

Sweetspot

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



54, 102.503, 41.067



82, 27.256, 30.848



59, 106.442, 332.753



41, 18.922, 31.150



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, 102.503, 41.067



54, 102.793, 41.078



72, 82.698, 68.697



50, 4.740, 29.870



41, 82.472, 41.331



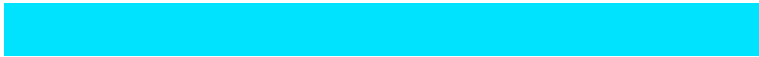
11, 31.304, 32.627

Inverse Universe

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



83, 44.127, 216.899



83, 44.225, 216.923



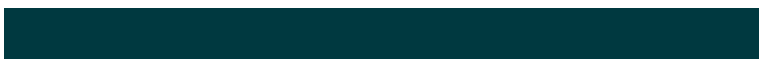
48, 88.945, 293.191



52, 4.454, 209.715



64, 35.664, 216.525



21, 16.563, 213.806

Previews

White Background



This preview shows how the CIELCh color 54, 102.507, 41.065 looks on a white background.

Color Contrast Check

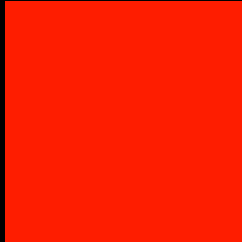
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 54, 102.507, 41.065 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, 102.507, 41.065

Background



This preview shows how black text looks on a background with the CIELCh color 54, 102.507, 41.065.



This preview shows how white text looks on a background with the CIELCh color 54, 102.507, 41.065.

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, 102.408, 41.128

Protanopia
54, 51.689, 95.314

Deuteranopia
54, 60.115, 84.041



Tritanopia
54, 99.529, 38.926

Trichromacy



Original Color
54, 102.408, 41.128

Protanomaly
50, 62.868, 58.421

Deuteranomaly
51, 71.468, 56.802

Tritanomaly
54, 100.741, 39.827

Monochromacy



Original Color
54, 102.408, 41.128

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 40.572, 34.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 102.507, 41.065 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, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 29, 0)  
}
```

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, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 29, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 102.507, 41.065 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, 29, 0) }
```

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

```
.border{ border-color:rgb(254, 29, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 29, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 29, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 29, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 29, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 102.507, 41.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 29, 0) }
```

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

```
.background{ background-color: rgb(254, 29,  
0) }
```

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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