

Converting Colors

CIELCh(54, 89.865, 46.353)

Have a look what the booklet for
CIELCh(54, 89.865, 46.353) contains.

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Color

CIELCh(54, 90.091, 46.270)

Conversions

Conversions Part 1

Format	Color
Hex	EC4401
RGB	236, 68, 1
RGB Percent	93%, 27%, 0%
CMY	0.0744, 0.7332, 0.9960
CMYK	0.00, 0.71, 1.00, 0.07
HSL	17°, 99%, 46%
HSV	17°, 100%, 93%
XYZ	36.6720, 21.9746, 2.3380
YIQ	110.5940, 121.6350, 14.7790

Conversions

Conversions Part 2

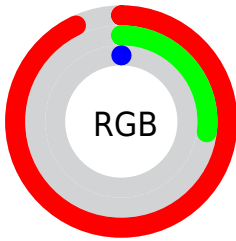
Format	Color
RYB	236, 95, 1
Decimal	15483905
CIELab	54.00, 62.28, 65.10
CIElCh	54, 90.091, 46.270
Yxy	21.9746, 0.6013, 0.3603
Android (android.graphics.Color)	4293673985 (0xFFEC4401)
YUV	110.5940, -54.0298, 109.9811
Hunter-Lab	46.8770, 57.6061, 29.8568

Details

The CIELCh color **54, 90.091, 46.270** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **65, 45.347, 253.933**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 71.760, 51.120**, and **35, 77.401, 39.901** is the 20% darker color. If you saturate the color by 10%, you get **54, 90.396, 46.240**, and if you desaturate by 10%, it is **56, 82.617, 47.331**.

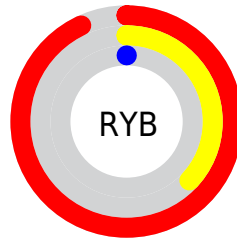
Distribution



Red (93%)

Green (27%)

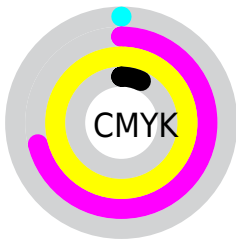
Blue (0%)



Red (93%)

Yellow (37%)

Blue (0%)

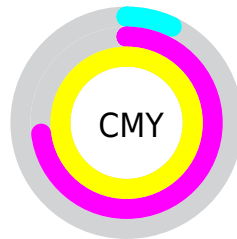


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 90.091, 46.270 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, 90.091, 46.270 by changing the saturation by 10% instead.

■ 54, 90.091, 46.270

■ 54, 90.091, 46.270

■ 100, 90.091,
46.270

■ 44, 90.091, 46.270

■ 74, 90.091, 46.270

■ 34, 90.091, 46.270

■ 84, 90.091, 46.270

■ 24, 90.091, 46.270

■ 94, 90.091, 46.270

■ 14, 90.091, 46.270

■ 4, 90.091, 46.270

■ 0, 90.091, 46.270

■ 54, 90.091, 46.270

■ 54, 90.091, 46.270

■ 54, 90.396, 46.240

■ 56, 82.617, 47.331

■ 59, 72.860, 47.644

63, 62.167, 47.612

67, 51.497, 47.566

71, 41.276, 47.630

75, 31.675, 47.831

79, 22.741, 48.159

84, 14.463, 48.589

89, 6.801, 49.072

Harmonies

Complementary

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



54, 90.091, 46.270



65, 45.347, 253.933

Rectangle

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



54, 90.091, 46.270



54, 90.091, 96.270



54, 90.091, 226.270



54, 90.091, 276.270

Sweetspot

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



54, 90.088, 46.272



85, 24.623, 48.138



53, 87.744, 343.911



43, 17.086, 47.987



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, 90.088, 46.272



58, 95.994, 46.109



78, 79.840, 86.186



47, 4.017, 49.077



42, 73.648, 46.780



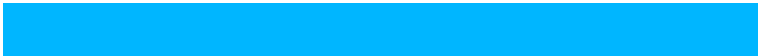
10, 23.749, 40.242

Inverse Universe

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



65, 45.347, 253.933



70, 48.276, 254.377



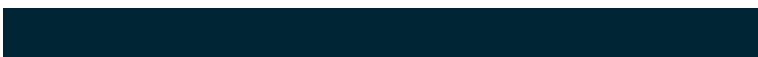
35, 109.415, 302.189



47, 3.812, 230.461



51, 36.996, 253.211



14, 15.038, 244.810

Previews

White Background



This preview shows how the CIELCh color 54, 90.091, 46.270 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, 90.091, 46.270 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, 90.091, 46.270

Background



This preview shows how black text looks on a background with the CIELCh color 54, 90.091, 46.270.



This preview shows how white text looks on a background with the CIELCh color 54, 90.091, 46.270.

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, 90.091, 46.270

Protanopia

54, 53.684, 95.364

Deuteranopia

54, 60.115, 84.041



Tritanopia
54, 76.410, 30.702

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 90.091, 46.270 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(236, 68, 1)` looks like.

```
.text, #text, p{  
    color:rgb(236, 68, 1)  
}
```

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(236, 68, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 68, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 90.091, 46.270 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(236, 68, 1) }
```

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

```
.border{ border-color:rgb(236, 68, 1) }
```

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

Here you see how a box with a 4 pixel rgb(236, 68, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 68, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 68, 1);  
box-shadow:4px 4px 4px 4px rgb(236, 68, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 90.091, 46.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 68, 1) }
```

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

```
.background{ background-color: rgb(236, 68,  
1) }
```

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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