

Converting Colors

CIELCh(54, 88.225, 22.363)

Have a look what the booklet for
CIELCh(54, 88.225, 22.363) contains.

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Color

CIELCh(54, 88.047, 22.276)

Conversions

Conversions Part 1

Format	Color
Hex	FF054D
RGB	255, 5, 77
RGB Percent	100%, 2%, 30%
CMY	0.0000, 0.9819, 0.6969
CMYK	0.00, 0.98, 0.70, 0.00
HSL	343°, 100%, 51%
HSV	343°, 98%, 100%
XYZ	42.7863, 21.9746, 9.0598
YIQ	87.9580, 125.8880, 75.3920

Conversions

Conversions Part 2

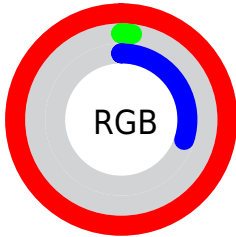
Format	Color
RYB	255, 5, 77
Decimal	16713037
CIELab	54.00, 81.48, 33.38
CIElCh	54, 88.047, 22.276
Yxy	21.9746, 0.5796, 0.2977
Android (android.graphics.Color)	4294903117 (0xFFFF054D)
YUV	87.9580, -5.4023, 146.4958
Hunter-Lab	46.8770, 80.8885, 21.3551

Details

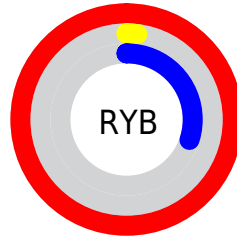
The CIELCh color **54, 88.047, 22.276** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **89, 69.707, 162.568**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 63.567, 15.340**, and **39, 75.250, 31.015** is the 20% darker color. If you saturate the color by 10%, you get **54, 88.756, 23.233**, and if you desaturate by 10%, it is **55, 83.230, 16.737**.

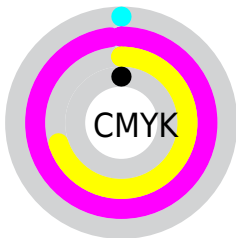
Distribution



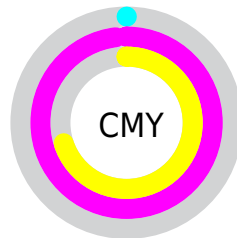
- Red (100%)
- Green (2%)
- Blue (30%)



- Red (100%)
- Yellow (2%)
- Blue (30%)



- Cyan (0%)
- Magenta (98%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (98%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 88.047, 22.276 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, 88.047, 22.276 by changing the saturation by 10% instead.

 54, 88.047, 22.276

 54, 88.047, 22.276

 100, 88.047,
22.276

 44, 88.047, 22.276

 74, 88.047, 22.276

 34, 88.047, 22.276

 84, 88.047, 22.276

 24, 88.047, 22.276

 94, 88.047, 22.276

 14, 88.047, 22.276

 4, 88.047, 22.276

 0, 88.047, 22.276

 54, 88.047, 22.276

 54, 88.047, 22.276

 54, 88.756, 23.233

 55, 83.230, 16.737

 57, 77.215, 12.095

61, 69.560, 8.378

65, 60.456, 5.452

70, 50.344, 3.140

76, 39.710, 1.284

82, 28.956,
359.760

88, 18.362,
358.478

95, 8.099, 357.353

Harmonies

Complementary

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



54, 88.047, 22.276



89, 69.707, 162.568

Rectangle

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



54, 88.047, 22.276



54, 88.047, 72.276



54, 88.047, 202.276



54, 88.047, 252.276

Sweetspot

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



54, 87.913, 22.230



81, 29.825, 359.873



48, 119.337, 317.301



41, 20.583, 0.498



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, 87.913, 22.230



54, 88.756, 23.233



56, 98.614, 43.032



50, 5.639, 357.497



40, 71.028, 22.142



10, 31.502, 13.424

Inverse Universe

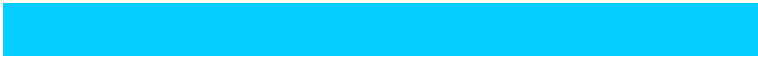
The Inverse Universe completely reimagines the original color for something new.



54, 87.913, 22.230



54, 88.756, 23.233



77, 43.860, 235.714



50, 5.639, 357.497



40, 71.028, 22.142



10, 31.502, 13.424

Previews

White Background



This preview shows how the CIELCh color 54, 88.047, 22.276 looks on a white background.

Color Contrast Check

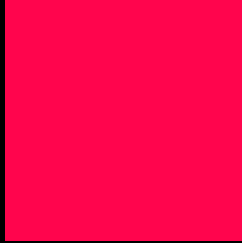
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.047, 22.276 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, 88.047, 22.276

Background



This preview shows how black text looks on a background with the CIELCh color 54, 88.047, 22.276.



This preview shows how white text looks on a background with the CIELCh color 54, 88.047, 22.276.

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, 87.945, 22.344

Protanopia

54, 8.941, 92.912

Deuteranopia

54, 37.743, 79.377



Tritanopia
54, 97.665, 38.060

Trichromacy



Original Color
54, 87.945, 22.344

Protanomaly
48, 41.228, 12.388

Deuteranomaly
49, 54.009, 33.840

Tritanomaly
54, 93.883, 33.100

Monochromacy



Original Color
54, 87.945, 22.344

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 40.929, 5.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 88.047, 22.276 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, 5, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 5, 77)  
}
```

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, 5, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 5, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 88.047, 22.276 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, 5, 77) }
```

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

```
.border{ border-color:rgb(255, 5, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 5, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 5, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 5, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 5, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 88.047, 22.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 5, 77) }
```

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

```
.background{ background-color: rgb(255, 5,  
77) }
```

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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