

Converting Colors

CIELCh(54, 76.693, 18.221)

Have a look what the booklet for
CIELCh(54, 76.693, 18.221) contains.

CIELCh(54, 76.835, 18.253)	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, 76.835, 18.253)

Conversions

Conversions Part 1

Format	Color
Hex	F3305C
RGB	243, 48, 92
RGB Percent	95%, 19%, 36%
CMY	0.0466, 0.8111, 0.6389
CMYK	0.00, 0.80, 0.62, 0.05
HSL	346°, 89%, 57%
HSV	346°, 80%, 95%
XYZ	39.9996, 21.9746, 12.2779
YIQ	111.3210, 102.0960, 55.0240

Conversions

Conversions Part 2

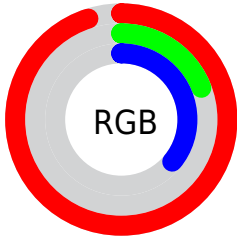
Format	Color
R_{YB}	243, 48, 92
Decimal	15937628
CIE _{Lab}	54.00, 72.97, 24.07
CIE _{LCh}	54, 76.835, 18.253
Yxy	21.9746, 0.5387, 0.2959
Android (android.graphics.Color)	4294127708 (0xFFFF3305C)
YUV	111.3210, -9.5253, 115.4825
Hunter-Lab	46.8770, 70.2769, 17.2849

Details

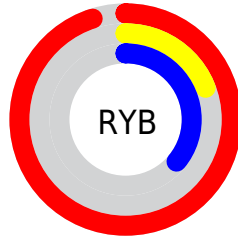
The CIELCh color **54, 76.835, 18.253** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **86, 56.539, 171.721**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 57.307, 11.728**, and **37, 68.500, 24.264** is the 20% darker color. If you saturate the color by 10%, you get **52, 83.402, 23.193**, and if you desaturate by 10%, it is **57, 68.958, 14.191**.

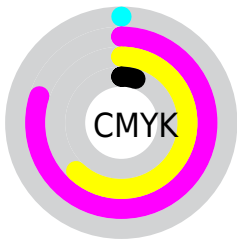
Distribution



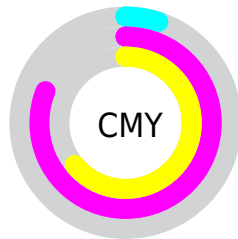
- Red (95%)
- Green (19%)
- Blue (36%)



- Red (95%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (62%)
- Black (5%)



- Cyan (5%)
- Magenta (81%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 76.835, 18.253 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, 76.835, 18.253 by changing the saturation by 10% instead.

 54, 76.835, 18.253

 54, 76.835, 18.253

 100, 76.835,
18.253

 44, 76.835, 18.253

 74, 76.835, 18.253

 34, 76.835, 18.253

 84, 76.835, 18.253

 24, 76.835, 18.253

 94, 76.835, 18.253

 14, 76.835, 18.253

 4, 76.835, 18.253

 0, 76.835, 18.253

 54, 76.835, 18.253

 54, 76.835, 18.253

 52, 83.402, 23.193

 57, 68.958, 14.191

 51, 88.939, 28.540

 61, 59.891, 10.961

66, 49.989, 8.416

71, 39.680, 6.395

77, 29.334, 4.762

83, 19.210, 3.413

89, 9.466, 2.258

96, 0.178, 358.086

99, 4.103, 199.307

Harmonies

Complementary

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



54, 76.835, 18.253



86, 56.539, 171.721

Rectangle

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



54, 76.835, 18.253



54, 76.835, 68.253



54, 76.835, 198.253



54, 76.835, 248.253

Sweetspot

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



54, 76.831, 18.255



84, 23.940, 3.907



52, 105.329, 320.253



43, 16.569, 4.394



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, 76.831, 18.255



54, 90.029, 26.519



60, 76.000, 46.425



48, 5.299, 2.181



39, 72.197, 27.524



9, 29.903, 15.485

Inverse Universe

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



54, 76.831, 18.255



54, 90.029, 26.519



73, 41.083, 241.678



48, 5.299, 2.181



39, 72.197, 27.524



9, 29.903, 15.485

Previews

White Background



This preview shows how the CIELCh color 54, 76.835, 18.253 looks on a white background.

Color Contrast Check

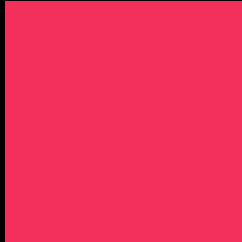
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.835, 18.253 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, 76.835, 18.253

Background



This preview shows how black text looks on a background with the CIELCh color 54, 76.835, 18.253.



This preview shows how white text looks on a background with the CIELCh color 54, 76.835, 18.253.

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, 76.835, 18.253

Protanopia

54, 1.649, 63.328

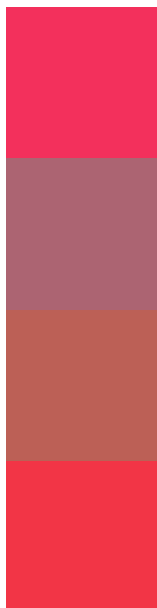
Deuteranopia

54, 28.395, 76.207



Tritanopia
54, 81.982, 32.724

Trichromacy



Original Color
54, 76.835, 18.253

Protanomaly
51, 31.098, 8.857

Deuteranomaly
52, 42.542, 32.236

Tritanomaly
54, 79.388, 27.669

Monochromacy



Original Color
54, 76.835, 18.253

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 31.327, 6.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 76.835, 18.253 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(243, 48, 92)` looks like.

```
.text, #text, p{  
  color:rgb(243, 48, 92)  
}
```

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(243, 48, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 48, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 76.835, 18.253 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(243, 48, 92) }
```

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

```
.border{ border-color:rgb(243, 48, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 48, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 48, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 48, 92);  
box-shadow:4px 4px 4px 4px rgb(243, 48,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 76.835, 18.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 48, 92) }
```

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

```
.background{ background-color: rgb(243, 48,  
92) }
```

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