

Converting Colors

CIELCh(54, 82.650, 15.487)

Have a look what the booklet for
CIELCh(54, 82.650, 15.487) contains.

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Color

CIELCh(54, 82.629, 15.472)

Conversions

Conversions Part 1

Format	Color
Hex	FB1860
RGB	251, 24, 96
RGB Percent	98%, 9%, 38%
CMY	0.0161, 0.9067, 0.6238
CMYK	0.00, 0.91, 0.62, 0.02
HSL	341°, 97%, 54%
HSV	341°, 91%, 98%
XYZ	42.1725, 21.9746, 13.0653
YIQ	100.0810, 112.1800, 70.5160

Conversions

Conversions Part 2

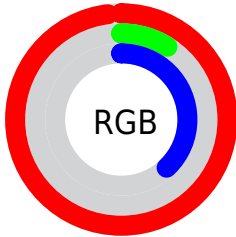
Format	Color
R _Y B	251, 24, 96
Decimal	16455776
CIE Lab	54.00, 79.63, 22.04
CIE LCh	54, 82.629, 15.472
Yxy	21.9746, 0.5462, 0.2846
Android (android.graphics.Color)	4294645856 (0xFFFB1860)
YUV	100.0810, -2.0119, 132.3560
Hunter-Lab	46.8770, 78.5512, 16.2889

Details

The CIELCh color **54, 82.629, 15.472** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **88, 68.519, 162.127**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 61.776, 6.388**, and **39, 70.108, 23.433** is the 20% darker color. If you saturate the color by 10%, you get **53, 86.421, 20.686**, and if you desaturate by 10%, it is **56, 77.464, 10.739**.

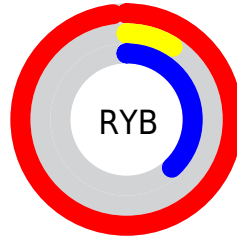
Distribution



Red (98%)

Green (9%)

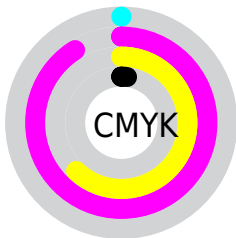
Blue (38%)



Red (98%)

Yellow (9%)

Blue (38%)

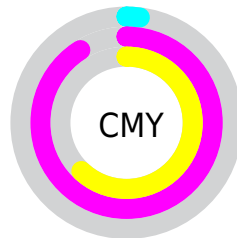


Cyan (0%)

Magenta (91%)

Yellow (62%)

Black (2%)



Cyan (2%)

Magenta (91%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 82.629, 15.472 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, 82.629, 15.472 by changing the saturation by 10% instead.

 54, 82.629, 15.472

 54, 82.629, 15.472

 100, 82.629,
15.472

 44, 82.629, 15.472

 74, 82.629, 15.472

 34, 82.629, 15.472

 84, 82.629, 15.472

 24, 82.629, 15.472

 94, 82.629, 15.472

 14, 82.629, 15.472

 4, 82.629, 15.472

 0, 82.629, 15.472

 54, 82.629, 15.472

 54, 82.629, 15.472

 53, 86.421, 20.686

 56, 77.464, 10.739

 59, 70.579, 6.944

63, 62.082, 3.958

68, 52.391, 1.600

73, 42.006,
359.706

79, 31.364,
358.153

85, 20.781,
356.846

92, 10.459,
355.711

98, 0.511, 353.706

Harmonies

Complementary

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



54, 82.629, 15.472



88, 68.519, 162.127

Rectangle

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



54, 82.629, 15.472



54, 82.629, 65.472



54, 82.629, 195.472



54, 82.629, 245.472

Sweetspot

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



54, 82.625, 15.474



82, 27.988, 357.672



48, 115.698, 316.785



42, 18.943, 358.142



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, 82.625, 15.474



54, 87.517, 20.740



56, 92.816, 41.881



49, 5.623, 355.600



40, 69.395, 19.596



9, 30.523, 10.825

Inverse Universe

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



54, 82.625, 15.474



54, 87.517, 20.740



79, 42.442, 225.927



49, 5.623, 355.600



40, 69.395, 19.596



9, 30.523, 10.825

Previews

White Background



This preview shows how the CIELCh color 54, 82.629, 15.472 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, 82.629, 15.472 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, 82.629, 15.472

Background



This preview shows how black text looks on a background with the CIELCh color 54, 82.629, 15.472.



This preview shows how white text looks on a background with the CIELCh color 54, 82.629, 15.472.

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, 82.629, 15.472

Protanopia

54, 5.209, 295.063

Deuteranopia

54, 26.916, 74.723



Tritanopia
54, 90.612, 35.487

Trichromacy



Original Color
54, 82.629, 15.472



Protanomaly
49, 37.628, 356.016



Deuteranomaly
50, 45.841, 25.231

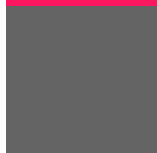


Tritanomaly
54, 86.813, 28.870

Monochromacy



Original Color
54, 82.629, 15.472



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 37.576, 1.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 82.629, 15.472 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(251, 24, 96)` looks like.

```
.text, #text, p{  
    color:rgb(251, 24, 96)  
}
```

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(251, 24, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 24, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 82.629, 15.472 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(251, 24, 96) }
```

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

```
.border{ border-color:rgb(251, 24, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 24, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 24, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 24, 96);  
box-shadow:4px 4px 4px 4px rgb(251, 24,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 82.629, 15.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 24, 96) }
```

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

```
.background{ background-color: rgb(251, 24,  
96) }
```

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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